

MDS Report

Substances of assemblies and materials

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1. Company and Product Name

1.1 Supplier Data

Name [ID]: Vitesco Technologies
[220896]

DUNS Number: -

Street/Postal Code: Siemensstr. 12

Nat./ZipCode/City: DE 93055 Regensburg

Supplier Code: -

Contact Person: Mingzhu Ma

- Phone: -

- Fax No.: -

- E-Mail Address: mingzhu.ma@vitesco.co
m

1.2 Product Identification

Part/Item No.: AA-A953-7000-0-00

Description: NOx sensor 3.5a
SNS3501C

Report No.: -

Date of Report: -

Drawing No.: -

Drawing dated: -

Drawing Change Level: -

Purchase Order No.: -

Bill of Delivery No.: -

Preliminary MDS: No

Multi Sourced: No

IMDS ID / Version: 1377326600 / 1

Node ID: 1377326600

MDS Status (Change Date): Internally released
(12/10/2024)

MDS Report

Substances of assemblies and materials

Materials which are subject to legal prohibitions must not be included!
Dangerous substances formed or released during use must also be declared
Please note: GADSL list for substances that require declaration

2. Characterization of the Component

Part/Item No.: AA-A953-7000-0-00
Description: NOx sensor 3.5a SNS3501C

Report No.: -
IMDS ID / Version: 1377326600 / 1
Node ID: 1377326600

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
1	 NOx sensor 3.5a SNS3501C	 AA-A953-7000-0-00	1377326600 / 1		268				
└2	 Carrier for lubricant WEICON ANTI-SEIZE	 A2-C533-7772-2-00		1	0.1				
└3	 lubricant WEICON ANTI-SEIZE	 A2-C533-7772-2-00			0.1				
└4	 Lubricant	 WS007263	991340442 / 1			100		 9.2	 Recyclate not yet answered Content of bio-based material No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└5	 White mineral oil (petroleum)	 8042-47-5				47.016949	46 - 48		
└5	 Calcium-dihydroxide	 1305-62-0				13.508475	13 - 14		
└5	 Calcium-carbonate	 471-34-1				22.508475	22 - 23		
└5	 Zinc sulphide	 1314-98-3				11.508475	11 - 12	 D / P	
└5	 Titanium-dioxide	 13463-67-7				4.457627	4 - 4.9		
└5	 Silica, amorphous fumed	 112945-52-5				1			
└2	 sensor assy 3.5a SNS3510B	 AA-A948-3110-0-00		1	268				
└3	 sensor probe assy JM6 TT3_2 NOS3CC	 A2-C033-1000-0-00		1	184.1				
└4	 NOS 3CC	 A2C03310000	728280424 / 4	1	184.1				
└5	 Sensor harmonized JM6 GADSL	 MPS		1	57.5				
└6	 Sensor element GADSL			1	2.4				
└7	 ZrO2/Y2O3 - Element				2.4				
└8	 YSZ (ZrO2/Y2O3)					90.6	90 - 92	 7.2	 Recyclate No
└9	 Zirconium-dioxide	 1314-23-4				92			
└9	 Yttrium-oxide	 1314-36-9				8		 D	
└8	 Al2O3					4.6	4 - 6	 7.2	 Recyclate No
└9	 Aluminium oxide	 1344-28-1				95.9			
└9	 Silica, amorphous	 112926-00-8				2.3			
└9	 Magnesium-oxide	 1309-48-4				0.6		 D	

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Confidential Substances	 *****				1.2			
└8	 Refined Gold (99,5)		11831993 / 4			0.3	0 - 1	 4.2	 Recyclate No
└9	 Gold	 7440-57-5				99.75	99.5 - 100		
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Refined Platinum (99.80)		11860359 / 4			4.2	3 - 7	 4.1	 Recyclate No
└9	 Iridium	 7439-88-5				0.018182	0 - 0.05	 D	
└9	 Platinum	 7440-06-4				99.872727	99.8 - 100	 D	
└9	 Palladium	 7440-05-3				0.054545	0 - 0.15	 D	
└9	 Rhodium	 7440-16-6				0.036364	0 - 0.1	 D	
└9	 Ruthenium	 7440-18-8				0.018182	0 - 0.05	 D	
└8	 Refined Rhodium (99.90)		11831995 / 5			0.3	0 - 1	 4.1	 Recyclate No
└9	 Silver	 7440-22-4				0.004124	0 - 0.02	 D / P	
└9	 Aluminium (metal)	 7429-90-5				0.002062	0 - 0.01		
└9	 Arsenic	 7440-38-2				0.001031	0 - 0.005	 D	
└9	 Gold	 7440-57-5				0.002062	0 - 0.01		
└9	 Boron	 7440-42-8				0.001031	0 - 0.005	 D	
└9	 Bismuth	 7440-69-9				0.001031	0 - 0.005		
└9	 Calcium	 7440-70-2				0.002062	0 - 0.01		
└9	 Cadmium	 7440-43-9				0.001031	0 - 0.005	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL,  SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Cobalt	 7440-48-4				0.001031	0 - 0.005	 D	
└9	 Chromium	 7440-47-3				0.002062	0 - 0.01		
└9	 Copper	 7440-50-8				0.002062	0 - 0.01	 D / P	
└9	 Iron	 7439-89-6				0.002062	0 - 0.01		
└9	 Iridium	 7439-88-5				0.010309	0 - 0.05	 D	
└9	 Magnesium (metal)	 7439-95-4				0.002062	0 - 0.01	 D	
└9	 Manganese	 7439-96-5				0.001031	0 - 0.005		
└9	 Nickel	 7440-02-0				0.002062	0 - 0.01	 D	 Not applicable [34]
└9	 Lead	 7439-92-1				0.002062	0 - 0.01	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Palladium	 7440-05-3				0.010309	0 - 0.05	 D	
└9	 Platinum	 7440-06-4				0.010309	0 - 0.05	 D	
└9	 Rhodium	 7440-16-6				99.920619	99.9 - 100	 D	
└9	 Ruthenium	 7440-18-8				0.010309	0 - 0.05	 D	
└9	 Antimony	 7440-36-0				0.001031	0 - 0.005		
└9	 Silicon	 7440-21-3				0.002062	0 - 0.01		
└9	 Tin	 7440-31-5				0.002062	0 - 0.01		
└9	 Tellurium	 13494-80-9				0.002062	0 - 0.01		
└9	 Zinc (metal)	 7440-66-6				0.002062	0 - 0.01		
└6	 Hexagon Screw Nut XM7			1	19.2				

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└7	SUSXM7		14734827 / 4		19.2			1.1.2	Recyclate No
└8	Carbon	7440-44-0				0.04	0 - 0.08		
└8	Chromium	7440-47-3				18	17 - 19		
└8	Iron	7439-89-6				67.4225			
└8	Manganese	7439-96-5				1	0 - 2		
└8	Nickel	7440-02-0				9.5	8.5 - 10.5	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	Phosphorus	7723-14-0				0.0225	0 - 0.045		
└8	Sulphur	7704-34-9				0.015	0 - 0.03		
└8	Silicon	7440-21-3				0.5	0 - 1		
└8	Copper	7440-50-8				3.5	3 - 4	D / P	
└6	Metal Washer			1	0.27				
└7	SUS304 (Stainless steel)		11896312 / 21		0.27			1.1.2	Recyclate No
└8	Carbon	7440-44-0				0.04	0 - 0.08		
└8	Chromium	7440-47-3				19	18 - 20		
└8	Iron	7439-89-6				70.1725			
└8	Manganese	7439-96-5				1	0 - 2		
└8	Nickel	7440-02-0				9.25	8 - 10.5	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

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└8	 Phosphorus	 7723-14-0				0.0225	0 - 0.045		
└8	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└8	 Silicon	 7440-21-3				0.5	0 - 1		
└6	 Insulator A	 FPPAS-N05-51A01		1	0.9				
└7	 Al2O3				0.9			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				100	100 - 100		
└6	 Insulator C	 FPPAS-N05-03A01		1	0.9				
└7	 Al2O3				0.9			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				100	100 - 100		
└6	 Sealing material			1	1.1				
└7	 Talc				1.1			 7.3	 Recyclate not yet answered
└8	 Talc	 14807-96-6				100		 D	
└6	 Protection Cover Assy JM6 harm.			1	3.66				
└7	 Outer protection CoverJM6			1	3.01				
└8	 X8CrNi25-21 (Stainless Steel, Austenitic steel)		399770743 / 3		3.01			 1.1.2	 Recyclate No
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Silicon	 7440-21-3				0.75	0 - 1.5		
└9	 Manganese	 7439-96-5				1	0 - 2		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Phosphorus	7723-14-0				0.0225	0 - 0.045		
└9	Sulphur	7704-34-9				0.015	0 - 0.03		
└9	Iron	7439-89-6				52.6125			
└9	Nitrogen	7727-37-9				0.05	0 - 0.1		
└9	Chromium	7440-47-3				25	24 - 26		
└9	Nickel	7440-02-0				20.5	19 - 22	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Middle Protection CoverJM6			1	0.65				
└8	X8CrNi25-21 (Stainless Steel, Austenitic steel)		399770743 / 3		0.65			1.1.2	Recyclate No
└9	Carbon	7440-44-0				0.05	0 - 0.1		
└9	Silicon	7440-21-3				0.75	0 - 1.5		
└9	Manganese	7439-96-5				1	0 - 2		
└9	Phosphorus	7723-14-0				0.0225	0 - 0.045		
└9	Sulphur	7704-34-9				0.015	0 - 0.03		
└9	Iron	7439-89-6				52.6125			
└9	Nitrogen	7727-37-9				0.05	0 - 0.1		
└9	Chromium	7440-47-3				25	24 - 26		
└9	Nickel	7440-02-0				20.5	19 - 22	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

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Tree Level	 Description  Article Name  Name  Substance name  Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.  IMDS ID / Version  Quantity  Weight  [g]  Portion  Portion (from - to)  [%]  Classif.  GADSL, SVHC  Parts Marking  Source of material  Application [ID]
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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Nitrogen	 7727-37-9				0.05	0 - 0.1		
└9	 Chromium	 7440-47-3				25	24 - 26		
└9	 Nickel	 7440-02-0				20.5	19 - 22	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Inner tube			1	2				
└8	 SUS430MA+				2			 1.1.2	 Recyclate No
└9	 Iron	 7439-89-6				79.2925			
└9	 Carbon	 7440-44-0				0.06	0 - 0.12		
└9	 Silicon	 7440-21-3				0.5	0 - 1		
└9	 Manganese	 7439-96-5				0.5	0 - 1		
└9	 Phosphorus	 7723-14-0				0.02	0 - 0.04		
└9	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└9	 Chromium	 7440-47-3				18.5	16 - 21		
└9	 Copper	 7440-50-8				0.4	0 - 0.8	 D / P	
└9	 Niobium	 7440-03-1				0.4	0 - 0.8	 D	
└9	 Nickel	 7440-02-0				0.3	0 - 0.6	 D	 Not applicable [34]
└9	 Nitrogen	 7727-37-9				0.0125	0 - 0.025		
└6	 Insulator B	 FPPASN05-02A00		1	1.4				
└7	 ceramic				1.4			 7.2	 Recyclate No

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└8	 Ceramic without declarable substances	 -				100	100 - 100		
└5	 Cable Harness - NOS3CC	 A2C19287500		1	126.55				
└6	 Cable / Leitung white	 1980037801		1	8.57				 Not Applicable
└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.56947				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		

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└9	Nickel	7440-02-0				0.001	0 - 0.002	D	Not applicable [34]
└9	Phosphorus	7723-14-0				0.00075	0 - 0.0015		
└9	Sulphur	7704-34-9				0.00075	0 - 0.0015		
└9	Antimony	7440-36-0				0.00075	0 - 0.0015		
└9	Selenium	7782-49-2				0.00015	0 - 0.0003	D	
└9	Silicon	7440-21-3				0.001	0 - 0.002		
└9	Tin	7440-31-5				0.001	0 - 0.002		
└9	Tellurium	13494-80-9				0.00015	0 - 0.0003		
└9	Zinc (metal)	7440-66-6				0.001	0 - 0.002		
└8	e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	3.4	Recyclate No
└9	Nickel	7440-02-0				99.8		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	Misc., not to declare	system				0.2	0 - 0.4		
└8	PTFE					35.997		5.1.b	Recyclate No Content of bio-based material No
└9	PTFE	-				98.95	98.8 - 99.1	D	
└9	Pigment portion, not to declare	system				0.35	0.2 - 0.5		
└9	Misc., not to declare	system				0.7			
└6	Cable / Leitung black	1980037901		1	8.54				Not Applicable

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└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.54238				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		

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└9	 Antimony	 7440-36-0				0.00075	0 - 0.0015		
└9	 Selenium	 7782-49-2				0.00015	0 - 0.0003	 D	
└9	 Silicon	 7440-21-3				0.001	0 - 0.002		
└9	 Tin	 7440-31-5				0.001	0 - 0.002		
└9	 Tellurium	 13494-80-9				0.00015	0 - 0.0003		
└9	 Zinc (metal)	 7440-66-6				0.001	0 - 0.002		
└8	 e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				99.8		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.2	0 - 0.4		
└8	 PTFE					35.997		 5.1.b	 Recyclate No Content of bio-based material No
└9	 PTFE	 -				98.95	98.8 - 99.1	 D	
└9	 Pigment portion, not to declare	 system				0.35	0.2 - 0.5		
└9	 Misc., not to declare	 system				0.7			
└6	 Cable / Leitung orange	 1980038001		1	8.52				 Not Applicable
└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.52432				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		
└9	 Antimony	 7440-36-0				0.00075	0 - 0.0015		
└9	 Selenium	 7782-49-2				0.00015	0 - 0.0003	 D	
└9	 Silicon	 7440-21-3				0.001	0 - 0.002		
└9	 Tin	 7440-31-5				0.001	0 - 0.002		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Tellurium	 13494-80-9				0.00015	0 - 0.0003		
└9	 Zinc (metal)	 7440-66-6				0.001	0 - 0.002		
└8	 e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				99.8		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.2	0 - 0.4		
└8	 PTFE					35.997		 5.1.b	 Recyclate No Content of bio-based material No
└9	 PTFE	 -				98.95	98.8 - 99.1	 D	
└9	 Pigment portion, not to declare	 system				0.35	0.2 - 0.5		
└9	 Misc., not to declare	 system				0.7			
└6	 Cable / Leitung blue	 1980038101		1	8.52				 Not Applicable
└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.52432				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		
└9	 Antimony	 7440-36-0				0.00075	0 - 0.0015		
└9	 Selenium	 7782-49-2				0.00015	0 - 0.0003	 D	
└9	 Silicon	 7440-21-3				0.001	0 - 0.002		
└9	 Tin	 7440-31-5				0.001	0 - 0.002		
└9	 Tellurium	 13494-80-9				0.00015	0 - 0.0003		
└9	 Zinc (metal)	 7440-66-6				0.001	0 - 0.002		
└8	 e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	 3.4	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Nickel	 7440-02-0				99.8		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.2	0 - 0.4		
└8	 PTFE					35.997		 5.1.b	 Recyclate No Content of bio-based material No
└9	 PTFE	 -				98.95	98.8 - 99.1	 D	
└9	 Pigment portion, not to declare	 system				0.35	0.2 - 0.5		
└9	 Misc., not to declare	 system				0.7			
└6	 Cable / Leitung yellow	 1980038201		1	8.52				 Not Applicable
└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.52432				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		
└9	 Antimony	 7440-36-0				0.00075	0 - 0.0015		
└9	 Selenium	 7782-49-2				0.00015	0 - 0.0003	 D	
└9	 Silicon	 7440-21-3				0.001	0 - 0.002		
└9	 Tin	 7440-31-5				0.001	0 - 0.002		
└9	 Tellurium	 13494-80-9				0.00015	0 - 0.0003		
└9	 Zinc (metal)	 7440-66-6				0.001	0 - 0.002		
└8	 e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				99.8		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.2	0 - 0.4		

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	PTFE					35.997		5.1.b	Recyclate No Content of bio-based material No
└9	PTFE	-				98.95	98.8 - 99.1	D	
└9	Pigment portion, not to declare	system				0.35	0.2 - 0.5		
└9	Misc., not to declare	system				0.7			
└6	Cable / Leitung gray	1980038301		1	8.52				Not Applicable
└7	PTFE LTG AWG 20 farbig	1980037801-8501 /- 67401-8101 /-78501- 9201ff			8.52432				
└8	Cu-ETP1		10922118 / 8			62.5	60 - 65	3.1	Recyclate No
└9	Copper	7440-50-8				99.9646		D / P	
└9	Silver	7440-22-4				0.00125	0 - 0.0025	D / P	
└9	Bismuth	7440-69-9				0.0001	0 - 0.0002		
└9	Lead	7439-92-1				0.00025	0 - 0.0005	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└9	Misc., not to declare	system				0.00325	0 - 0.0065		
└9	Oxygen	7782-44-7				0.02	0 - 0.04		
└9	Arsenic	7440-38-2				0.00025	0 - 0.0005	D	
└9	Cadmium	7440-43-9				0.00075	0 - 0.0015	D / P / SVHC	Concentration within acceptable GADSL limits [47]
└9	Cobalt	7440-48-4				0.001	0 - 0.002	D	
└9	Chromium	7440-47-3				0.00075	0 - 0.0015		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		
└9	 Antimony	 7440-36-0				0.00075	0 - 0.0015		
└9	 Selenium	 7782-49-2				0.00015	0 - 0.0003	 D	
└9	 Silicon	 7440-21-3				0.001	0 - 0.002		
└9	 Tin	 7440-31-5				0.001	0 - 0.002		
└9	 Tellurium	 13494-80-9				0.00015	0 - 0.0003		
└9	 Zinc (metal)	 7440-66-6				0.001	0 - 0.002		
└8	 e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				99.8		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.2	0 - 0.4		
└8	 PTFE					35.997		 5.1.b	 Recyclate No Content of bio-based material No
└9	 PTFE	 -				98.95	98.8 - 99.1	 D	
└9	 Pigment portion, not to declare	 system				0.35	0.2 - 0.5		

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.7			
└6	 Cable / Leitung red	 1980038401		1	8.54				 Not Applicable
└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.54238				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]

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└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		
└9	 Antimony	 7440-36-0				0.00075	0 - 0.0015		
└9	 Selenium	 7782-49-2				0.00015	0 - 0.0003	 D	
└9	 Silicon	 7440-21-3				0.001	0 - 0.002		
└9	 Tin	 7440-31-5				0.001	0 - 0.002		
└9	 Tellurium	 13494-80-9				0.00015	0 - 0.0003		
└9	 Zinc (metal)	 7440-66-6				0.001	0 - 0.002		
└8	 e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				99.8		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.2	0 - 0.4		
└8	 PTFE					35.997		 5.1.b	 Recyclate No Content of bio-based material No
└9	 PTFE	 -				98.95	98.8 - 99.1	 D	
└9	 Pigment portion, not to declare	 system				0.35	0.2 - 0.5		
└9	 Misc., not to declare	 system				0.7			
└6	 Cable / Leitung green	 1980038501		1	8.57				 Not Applicable

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 PTFE LTG AWG 20 farbig	 1980037801-8501 /- 67401-8101 /-78501-9201ff			8.56947				
└8	 Cu-ETP1		10922118 / 8			62.5	60 - 65	 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.9646		 D / P	
└9	 Silver	 7440-22-4				0.00125	0 - 0.0025	 D / P	
└9	 Bismuth	 7440-69-9				0.0001	0 - 0.0002		
└9	 Lead	 7439-92-1				0.00025	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Misc., not to declare	 system				0.00325	0 - 0.0065		
└9	 Oxygen	 7782-44-7				0.02	0 - 0.04		
└9	 Arsenic	 7440-38-2				0.00025	0 - 0.0005	 D	
└9	 Cadmium	 7440-43-9				0.00075	0 - 0.0015	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Cobalt	 7440-48-4				0.001	0 - 0.002	 D	
└9	 Chromium	 7440-47-3				0.00075	0 - 0.0015		
└9	 Iron	 7439-89-6				0.0005	0 - 0.001		
└9	 Manganese	 7439-96-5				0.00075	0 - 0.0015		
└9	 Nickel	 7440-02-0				0.001	0 - 0.002	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.00075	0 - 0.0015		
└9	 Sulphur	 7704-34-9				0.00075	0 - 0.0015		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Antimony	7440-36-0				0.00075	0 - 0.0015		
└9	Selenium	7782-49-2				0.00015	0 - 0.0003	D	
└9	Silicon	7440-21-3				0.001	0 - 0.002		
└9	Tin	7440-31-5				0.001	0 - 0.002		
└9	Tellurium	13494-80-9				0.00015	0 - 0.0003		
└9	Zinc (metal)	7440-66-6				0.001	0 - 0.002		
└8	e-plate Ni (bright) (electrodeposited Nickel bright)		749088 / 3			1.503	0.006 - 3	3.4	Recyclate No
└9	Nickel	7440-02-0				99.8		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	Misc., not to declare	system				0.2	0 - 0.4		
└8	PTFE					35.997		5.1.b	Recyclate No Content of bio-based material No
└9	PTFE	-				98.95	98.8 - 99.1	D	
└9	Pigment portion, not to declare	system				0.35	0.2 - 0.5		
└9	Misc., not to declare	system				0.7			
└6	Flachsteckhülse 1,5x0,8mm ag /Terminal 1,5x0,8mm ag	1120024201/1120024211		8	0.14				
└7	CuSn6		5747300 / 7		0.11			3.2	Recyclate No
└8	Iron	7439-89-6				0.05	0 - 0.1		

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└8	 Nickel	 7440-02-0				0.1	0 - 0.2	 D	 Not applicable [34]
└8	 Phosphorus	 7723-14-0				0.205	0.01 - 0.4		
└8	 Lead	 7439-92-1				0.01	0 - 0.02	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Zinc (metal)	 7440-66-6				0.1	0 - 0.2		
└8	 Tin	 7440-31-5				6.25	5.5 - 7		
└8	 Misc., not to declare	 system				0.1	0 - 0.2		
└8	 Copper	 7440-50-8				93.185		 D / P	
└7	 e-plate Ni (semi-bright) (electrodeposited Nickel semi-bright)		748769 / 1		0.01			 3.4	 Recyclate No
└8	 Carbon	 7440-44-0				0.4	0.1 - 0.7		
└8	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└8	 Nickel	 7440-02-0				99.585		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 e-plate Ag (electrodeposited Silver Coatings)		757767 / 4		0.02			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				99.9		 D / P	
└8	 Misc., not to declare	 system				0.1	0 - 0.2		
└6	 singlewire seal	 1340015901		8	0.06				 Not Applicable
└7	 VMQ	 A+B-Comp. with colorpaste			0.06			 5.3	 Recyclate No Content of bio-based material No
└8	 VMQ		786738632 / 1			97.5	97 - 98	 5.3	

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	VMQ	-				71			
└9	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products...	68909-20-6				27			
└9	Siloxanes and Silicones, di-Me, di-Ph	68083-14-7				2			
└8	VMQ Masterbatch	-	2640742 / 16			2.5	2 - 3	5.3	Recyclate No Content of bio-based material No
└9	VMQ	-				95	95 - 98		
└9	Pigment portion, not to declare	system				5	5 - 8		
└6	BG-Kontaktträgermontage HR mit SN 6214r/ Assy housing with contactholder	2606214103		1	12.65				
└7	BG- HR- Gehäuse spritzen 6214	2606214100		1	9.35				Yes
└8	PBT-I-GF30	1710012401			9.35			5.1.a	Recyclate No Content of bio-based material No
└9	GF-Fibre	-				30			
└9	Further Additives, not to declare	system				5			
└9	PBT-I	-				64.5			
└9	Carbon black	1333-86-4				0.5			
└7	BG-Kontaktträger nur Sn f. 6214 umspritz	2606214102		1	3.2997				
└8	Träger	1710001901		1	1.7477				Yes
└9	PBT-GF20	1710001901			1.7477			5.1.a	Recyclate No Content of bio-based material No

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└10	GF-Fibre	-				20			
└10	Carbon black	1333-86-4				1			
└10	Further Additives, not to declare	system				1			
└10	PBT	-				78			
└8	Kontaktband galvanisiert - Wickelrichtung rechts	1190015501		8	0.194				
└9	CuSn6		5747300 / 7		0.1628			3.2	Recyclate No
└10	Iron	7439-89-6				0.05	0 - 0.1		
└10	Nickel	7440-02-0				0.1	0 - 0.2	D	Not applicable [34]
└10	Phosphorus	7723-14-0				0.205	0.01 - 0.4		
└10	Lead	7439-92-1				0.01	0 - 0.02	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└10	Zinc (metal)	7440-66-6				0.1	0 - 0.2		
└10	Tin	7440-31-5				6.25	5.5 - 7		
└10	Misc., not to declare	system				0.1	0 - 0.2		
└10	Copper	7440-50-8				93.185		D / P	
└9	e-plate Ni (Watts) (electrodeposited Watts-Nickel)		748706 / 2		0.0194			3.4	Recyclate No
└10	Sulphur	7704-34-9				0.005	0 - 0.01		
└10	Nickel	7440-02-0				99.995		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 7		0.0095			 4.2	 Recyclate No
└10	 Lead	 7439-92-1				0.05	0 - 0.1	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└10	 Tin	 7440-31-5				99.45			
└10	 Misc., not to declare	 system				0.5	0 - 1		
└9	 e-plate Ag (electrodeposited Silver Coatings)		757767 / 4		0.0158			 4.2	 Recyclate No
└10	 Silver	 7440-22-4				99.9		 D / P	
└10	 Misc., not to declare	 system				0.1	0 - 0.2		
└6	 Verriegelung / Locking	 2306214011		1	1.98				 Yes
└7	 PBT-GF30	 1710006101			1.98			 5.1.a	 Recyclate No Content of bio-based material No
└8	 GF-Fibre	 -				30			
└8	 Further Additives, not to declare	 system				1			
└8	 PBT	 -				69			
└6	 Kabelgang OT / cable guiding top	 2306214021		1	2.78				 Yes
└7	 PBT-GF30	 1710005301			2.87			 5.1.a	 Recyclate No Content of bio-based material No
└8	 GF-Fibre	 -				30			
└8	 Carbon black	 1333-86-4				1			
└8	 Further Additives, not to declare	 system				1			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 PBT	 -				68			
└6	 Kabelgang UT / cable guiding bottom	 2306214031		1	2.48				 Yes
└7	 PBT-GF30	 1710005301			2.48			 5.1.a	 Recyclate No Content of bio-based material No
└8	 GF-Fibre	 -				30			
└8	 Carbon black	 1333-86-4				1			
└8	 Further Additives, not to declare	 system				1			
└8	 PBT	 -				68			
└6	 Meshwork tube silicon rubber 7.0 black	 1460004202		1	23.23				 Not Applicable
└7	 Sleeve ISOFLEX	 1460004202			23.22639				
└8	 E-Glass					24.6	19.6 - 29.6	 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				99.7	99.5 - 99.9		
└9	 Further Additives, not to declare	 system				0.3	0.1 - 0.5		
└8	 VMQ	 3801xxx				75.4	65.4 - 85.4	 5.3	 Recyclate No Content of bio-based material No
└9	 VMQ	 -				96.6			
└9	 Pigment portion, not to declare	 system				2			
└9	 Further Additives, not to declare	 system				1.4			
└6	 NOx Subassy Parts MPS	 NOT RELEASED		1	15.12				

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└7	Outer Tube harmonized			1	8.97				
└8	X2CrNi19-11 (Stainless Steel, Austenitic steel)		394111469 / 6		8.97			1.1.2	Recyclate No
└9	Carbon	7440-44-0				0.015	0 - 0.03		
└9	Silicon	7440-21-3				0.5	0 - 1		
└9	Manganese	7439-96-5				1	0 - 2		
└9	Phosphorus	7723-14-0				0.0225	0 - 0.045		
└9	Sulphur	7704-34-9				0.015	0 - 0.03		
└9	Iron	7439-89-6				68.3975			
└9	Nitrogen	7727-37-9				0.05	0 - 0.1		
└9	Chromium	7440-47-3				19	18 - 20		
└9	Nickel	7440-02-0				11	10 - 12	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Elastomer Grommet harmonized			1	1.92				Not Applicable
└8	FKM				1.92			5.3	Recyclate No Content of bio-based material No
└9	Magnesium-oxide	1309-48-4				8.5	7 - 10	D	
└9	Carbon black	1333-86-4				18.5	16 - 21		
└9	Misc., not to declare	system				6.5	5 - 8		
└9	Octadecylamine	124-30-1				1.005	0.01 - 2	D	

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 FKM	 -				63.395		 D	
└9	 Calcium-dihydroxide	 1305-62-0				1.1	0 - 2.2		
└9	 4,4'-(2,2,2-Trifluoro-1-(trifluoromethyl)ethylidene)diphenol	 1478-61-1				1	0 - 2	 D	
└7	 Metal Tube B harmonized			1	2.2				
└8	 SUS430 (Stainless steel)		11896550 / 15		2.2			 1.1.2	 Recyclate No
└9	 Carbon	 7440-44-0				0.06	0 - 0.12		
└9	 Chromium	 7440-47-3				17	16 - 18		
└9	 Iron	 7439-89-6				81.73			
└9	 Manganese	 7439-96-5				0.5	0 - 1		
└9	 Nickel	 7440-02-0				0.3	0 - 0.6	 D	 Not applicable [34]
└9	 Phosphorus	 7723-14-0				0.02	0 - 0.04		
└9	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└9	 Silicon	 7440-21-3				0.375	0 - 0.75		
└7	 Metal Fitting harmonized			1	0.23				
└8	 SUS304L (Stainless steel)		11896290 / 15		0.23			 1.1.2	 Recyclate No
└9	 Carbon	 7440-44-0				0.015	0 - 0.03		
└9	 Chromium	 7440-47-3				19	18 - 20		
└9	 Iron	 7439-89-6				68.4475			
└9	 Manganese	 7439-96-5				1	0 - 2		

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└9	Nickel	7440-02-0				11	9 - 13	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	Phosphorus	7723-14-0				0.0225	0 - 0.045		
└9	Sulphur	7704-34-9				0.015	0 - 0.03		
└9	Silicon	7440-21-3				0.5	0 - 1		
└7	U - Spring harmonized			2	0.17				
└8	X2CrNi19-11 (Stainless Steel, Austenitic steel)		394111469 / 6		0.17			1.1.2	Recyclate No
└9	Carbon	7440-44-0				0.015	0 - 0.03		
└9	Silicon	7440-21-3				0.5	0 - 1		
└9	Manganese	7439-96-5				1	0 - 2		
└9	Phosphorus	7723-14-0				0.0225	0 - 0.045		
└9	Sulphur	7704-34-9				0.015	0 - 0.03		
└9	Iron	7439-89-6				68.3975			
└9	Nitrogen	7727-37-9				0.05	0 - 0.1		
└9	Chromium	7440-47-3				19	18 - 20		
└9	Nickel	7440-02-0				11	10 - 12	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ceramic Housing AS 12381	FPPAS-N05-54B02		2	0.73				
└8	Al2O3		39485478 / 3		0.73			7.2	Recyclate No

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└9	 Calcium-oxide	 1305-78-8				0.114943	0 - 0.2		
└9	 Quartz (SiO ₂)	 14808-60-7				0.45977	0 - 0.8	 D	
└9	 Diiron-trioxide	 1309-37-1				0.051724	0 - 0.09		
└9	 Titanium-dioxide	 13463-67-7				0.017241	0 - 0.03		
└9	 Disodium-oxide	 1313-59-3				0.034483	0 - 0.06		
└9	 Magnesium-oxide	 1309-48-4				0.172414	0 - 0.3	 D	
└9	 Aluminium oxide	 1344-28-1				99.149425	98 - 100		
└6	 Female Contact	 1190012801		8	0.068				
└7	 X5CrNi18-9 (Steel forgings for pressure purposes)		11898196 / 2		0.06494			 1.1.2	 Recyclate No
└8	 Carbon	 7440-44-0				0.035	0 - 0.07		
└8	 Chromium	 7440-47-3				18	17 - 19		
└8	 Iron	 7439-89-6				70.9275			
└8	 Manganese	 7439-96-5				1	0 - 2		
└8	 Nickel	 7440-02-0				9.5	8 - 11	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week) [33]
└8	 Phosphorus	 7723-14-0				0.0225	0 - 0.045		
└8	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└8	 Silicon	 7440-21-3				0.5	0 - 1		

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└7	e-plate Ni (Dull-/semi-bright) (electrodeposited Nickel Dull/semi-bright)		114806927 / 4		0.00302			3.4	Recyclate No
└8	Carbon	7440-44-0				0.4	0.1 - 0.7		
└8	Nickel	7440-02-0				99.35		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	Misc., not to declare	system				0.25	0 - 0.5		
└7	Octadecanethiol = passivation		957852 / 9		0.000001			9.7	Recyclate not yet answered
└8	Octadecane-1-thiol	2885-00-9				98			
└8	Misc., not to declare	system				2			
└3	Carrier for adhesive DELO-DUALBOND GE4740	A2-C127-9840-0-00		1	0.07701				
└4	adhesive DELO-DUALBOND GE4740	A2-C127-9840-0-00			0.07701				
└5	PAK Adhesive	WS007262	990769290 / 1			100		6.2	Recyclate not yet answered Content of bio-based material No
└6	PAK	-				93.125	90 - 100		
└6	Silica, amorphous-fume	69012-64-2				5.9375	5 - 8		
└6	Further Additives, not to declare	system				0.9375	0 - 3		
└3	connector 5P H 1R PF BK A	A2-C178-5490-0-00		1	8.56359				
└4	Continental NOx Sensor MLK5 Black	A2C17854900	701726250 / 1	1	8.55				

Tree Level	 Description  Article Name  Name  Substance name <th>  Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No. <th>    IMDS ID / Version </th><th>  Quantity </th><th>    Weight [g] </th><th>    Portion [%] </th><th>    Portion (from - to) [%] </th><th>  Classif.  GADSL, SVHC </th><th>  Parts Marking  Source of material  Application [ID] </th></th>	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No. <th>    IMDS ID / Version </th> <th>  Quantity </th> <th>    Weight [g] </th> <th>    Portion [%] </th> <th>    Portion (from - to) [%] </th> <th>  Classif.  GADSL, SVHC </th> <th>  Parts Marking  Source of material  Application [ID] </th>	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└5	 Continental NOx Sensor MLK5 Black--Mold	 2031330101		1	8.55				
└6	 Carrier for PBT-I GF BLACK	 0682002135		1	7.455				 Not Applicable
└7	 PBT-I GF BLACK	 100003139993			7.455			 5.1.a	 Recyclate No Content of bio-based material No
└8	 PBT-I	 -				64.5			
└8	 GF-Fibre	 -				30	30 - 30		
└8	 Carbon black	 1333-86-4				0.5	0.5 - 0.5		
└8	 Further Additives, not to declare	 system				5	5 - 5		
└6	 NOx Sensor MLK5 Plated Stirp	 2031332010		5	0.219				
└7	 NOx Sensor MLK5 Unplated Stirp	 2031332011		1	0.219				
└8	 Phosphor Bronze 5% A (CA510)	 UNS C51000	11831578 / 5		0.219			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				94.335		 D / P	
└9	 Iron	 7439-89-6				0.05	0 - 0.1		
└9	 Phosphorus	 7723-14-0				0.19	0.03 - 0.35		
└9	 Lead	 7439-92-1				0.025	0 - 0.05	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Tin	 7440-31-5				5	4.2 - 5.8		
└9	 Zinc (metal)	 7440-66-6				0.15	0 - 0.3		
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└7	 Carrier for Ep-Ni			1	0.0014				

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└8	Ep-Ni		73281475 / 2		0.0014			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Carrier for e-plate Sn (electrodeposited Tin Coatings, bright and matt)			1	0.000218				
└8	e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 4		0.000218			4.2	Recyclate No
└9	Carbon	7440-44-0				0.505	0.01 - 1		
└9	Sulphur	7704-34-9				0.02	0 - 0.04		
└9	Lead	7439-92-1				0.015	0 - 0.03	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└9	Tin	7440-31-5				99.46			
└7	Carrier for e-plate Ag (electrodeposited Silver Coatings)			1	0.0011				
└8	e-plate Ag (electrodeposited Silver Coatings)		757767 / 2		0.0011			4.2	Recyclate No
└9	Carbon	7440-44-0				0.05	0 - 0.1		
└9	Sulphur	7704-34-9				0.05	0 - 0.1		
└9	Silver	7440-22-4				99.9		D / P	
└3	cover 12V; HR-PBT	A2-C179-4130-0-00		1	13.5				
└4	12V NOX COVER	A2C17941300	989750067 / 2	1	13.5				Yes

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└5	 PBT-I-GF30	 -			13.5			 5.1.a	 Recyclate No Content of bio-based material No
└6	 GF-Fibre	 -				30			
└6	 Further Additives, not to declare	 system				5			
└6	 PBT-I	 -				64.5			
└6	 Carbon black	 1333-86-4				0.5			
└3	 Carrier for casting resin Wevopur PD 52	 A2-C855-8260-0-00		1	2.28				 Not Applicable
└4	 casting resin Wevopur PD 52	 A2-C855-8260-0-00			2.28				
└5	 casting resin WEVO PD 52	 A2-C855-8260-0-00				100			
└6	 PUR	 WS006295	1064589461 / 1			100		 5.4.1	 Recyclate No Content of bio-based material No
└7	 PUR	 -				75	72 - 78		
└7	 Distillates (petroleum), hydrotreated heavy naphthenic	 64742-52-5				7	6 - 8		 none [0]
└7	 Talc	 14807-96-6				8	6.5 - 9.5	 D	
└7	 Chlorite-group minerals	 1318-59-8				8.5	7 - 10	 D	
└7	 Quartz (SiO2)	 14808-60-7				0.5	0.4 - 0.6	 D	
└7	 Stannane, dibutyl-, bis(C8-18 and C18-unsatd. fatty acyloxy) derivs.	 85508-00-5				0.0055	0.001 - 0.01	 D / P	
└7	 Further Additives, not to declare	 system				0.9945			
└3	 base plate 12V sub mas	 A3-C005-7040-0-00		1	45.3				

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└4	 base plate 12V; DeOxi+	 A2-C193-1760-0-00		1	45.3				
└5	 12V baseplate	 A2C19317600	783334379 / 1	1	45.3				
└6	 EN AC-AISi12(Fe)	 EN AC-44300	7025801 / 1		45.3			 2.1.1	 Recyclate not yet answered
└7	 Silicon	 7440-21-3				12	10.5 - 13.5		
└7	 Iron	 7439-89-6				0.675	0.45 - 0.9		
└7	 Copper	 7440-50-8				0.09	0.08 - 0.1	 D / P	
└7	 Manganese	 7439-96-5				0.55			
└7	 zinc	 7440-66-6				0.15			
└7	 Titanium	 7440-32-6				0.15			
└7	 Misc., not to declare	 system				0.125	0 - 0.25		
└7	 Aluminium (metal)	 7429-90-5				86.26			
└3	 electronic assy	 AA-A946-2010-0-00		1	13.21				
└4	 electronic assy	 AA-A932-1650-0-00		1	13.21				
└5	 Resistor	 A2-C027-9110-0-00		3	0.00214				
└6	 Resistor	 A2C02791100	641060261 / 2	1	0.00214				
└7	 Ceramic Substrate	 RK73B 1J T - Substate		1	0.00184				
└8	 Ceramic				0.0018395			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				99.8			
└9	 Misc., not to declare	 system				0.2			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight	   Portion	   Portion (from - to)	 Classif.	 Parts Marking  Source of material  Application [ID]
└7	 Top Terminal	 RK73B 1J T - Inner Electrode Top		1	0.000049				
└8	 Glass				0.000049			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				3.13			
└9	 Lead	 7439-92-1				1.87		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Silver	 7440-22-4				91.5		 D / P	
└9	 Palladium	 7440-05-3				2.5		 D	
└9	 Phosphorus	 7723-14-0				0.01			
└9	 Misc., not to declare	 system				0.99			
└7	 Bottom Terminal	 RK73B 1J T - Inner Electrode Bottom		1	0.000035				
└8	 Glass				0.0000345			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				4.27			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				3.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				4		 D	
└9	 Titanium-dioxide	 13463-67-7				0.05			
└9	 Silver	 7440-22-4				87.5		 D / P	
└9	 Misc., not to declare	 system				0.45			
└7	 Side Terminal	 RK73B 1J T - Inner electrode Side		1	0.000001				
└8	 Chromium-Nickel Alloy (50Cr-50Ni)		100120611 / 5		0.0000008			 4.2	 Recyclate No
└9	 Aluminium (metal)	 7429-90-5				0.125	0 - 0.25		
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Chromium	 7440-47-3				50	48 - 52		
└9	 Iron	 7439-89-6				0.5	0 - 1		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Manganese	 7439-96-5				0.15	0 - 0.3		
└9	 Nitrogen	 7727-37-9				0.15	0 - 0.3		
└9	 Nickel	 7440-02-0				48.255		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Phosphorus	 7723-14-0				0.01	0 - 0.02		
└9	 Sulphur	 7704-34-9				0.01	0 - 0.02		
└9	 Silicon	 7440-21-3				0.5	0 - 1		
└9	 Titanium	 7440-32-6				0.25	0 - 0.5		
└7	 Resistive Element	 RK73B 1J T - Resistive film		1	0.000016				
└8	 Glass				0.000016			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				31.8			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				32.2		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Ruthenium(IV)oxide	 12036-10-1				34		 D	
└9	 Phosphorus	 7723-14-0				0.04			
└9	 Misc., not to declare	 system				1.96			
└7	 Inner Protective Element	 RK73B 1J T - Inner Protective coat		1	0.000013				
└8	 Glass				0.0000128			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				52.27			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				45.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				0.02		 D	
└9	 Misc., not to declare	 system				1.98			
└7	 Overcoat	 RK73B 1J T - Outer Protective Coat 2		1	0.000034				 Not Applicable
└8	 EP-(QD29+MD11)				0.000034			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				57.2			
└9	 Quartz (SiO2)	 14808-60-7				28.6		 D	
└9	 Copper-oxide	 1317-38-0				2.6		 D	
└9	 Chromium(III)oxide	 1308-38-9				5.8			
└9	 Manganese dioxide	 1313-13-9				2.4			
└9	 Dibismuth-trioxide	 1304-76-3				1.9			

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Misc., not to declare	system				1.5			
└7	Marking	RK73B 1J T - Marking		1	0.000008				Not Applicable
└8	EP-MD21				0.0000078			5.4.3	Recyclate No Content of bio-based material No
└9	Epoxy resin	-				77			
└9	Titanium-dioxide	13463-67-7				21			
└9	Phosphorus	7723-14-0				0.0204			
└9	Misc., not to declare	system				1.9796			
└7	Middle Terminal	RK73B 1J T - Ni plating		1	0.000078				
└8	Ep-Ni		73281475 / 2		0.0000779			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Outer Terminal	RK73B 1J T - Solder plating		1	0.000068				
└8	Ep-Sn		73281477 / 2		0.0000677			4.2	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Tin	7440-31-5				99.75			
└5	Capacitor	A2-C020-5620-0-00		1	0.0065				

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└6	 Multilayer Ceramic Chip Capacitor	 A2C02056200	927107505 / 1	1	0.0065				
└7	 Dielectric			1	0.00431				
└8	 Dielectric Ceramics				0.00431			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00119				
└8	 Nickel composite materials				0.00119			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00086				
└8	 Copper composite materials				0.00086			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00007				
└8	 Ep-Ni		73281475 / 2		0.00007			 3.4	 Recyclate No

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└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00007				
└8	 Ep-Sn		73281477 / 2		0.00007			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C020-5720-0-00		2	0.0057				
└6	 Multilayer Ceramic Chip Capacitor	 A2C02057200	928532626 / 1	1	0.0057				
└7	 Dielectric			1	0.004185				
└8	 Dielectric Ceramics				0.004185			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.000432				
└8	 Nickel composite materials				0.000432			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.000502				
└8	 Copper composite materials				0.000502			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode Soft			1	0.000575				
└8	 Silver conductive materials				0.000575			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				93	92 - 94	 D / P	
└9	 Epoxy resin	 -				6.5	5.5 - 7.5		
└9	 Misc., not to declare	 system				0.5			
└7	 Electro-Under Plating			1	0.000003				
└8	 Ep-Ni		73281475 / 2		0.000003			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.000003				
└8	 Ep-Sn		73281477 / 2		0.000003			 4.2	 Recyclate No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C400-0282-8-00		3	0.0048				
└6	 Multilayer Ceramic Chip Capacitor	 A2C40002828	929069819 / 1	1	0.0048				
└7	 Dielectric			1	0.00363				
└8	 Dielectric Ceramics				0.00363			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00017				
└8	 Nickel composite materials				0.00017			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00086				
└8	 Copper composite materials				0.00086			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Misc., not to declare	system				0.1			
└7	Electro-Under Plating			1	0.00007				
└8	Ep-Ni		73281475 / 2		0.00007			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Electro-Surface Plating			1	0.00007				
└8	Ep-Sn		73281477 / 2		0.00007			4.2	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Tin	7440-31-5				99.75			
└5	Capacitor	A2-C020-5680-0-00		2	0.001426				
└6	Capacitor ceramic SMD 4 X7R-BME	A2C02056800	681346652 / 1	1	0.001426				
└7	Ceramic Dielectric				0.001195			7.2	Recyclate No
└8	Misc., not to declare	system				2			
└8	Ceramic without declarable substances	-				98			
└7	Ni99		39485450 / 3		0.000077			3.4	Recyclate No
└8	Nickel	7440-02-0				99.490249	99.2 - 100	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Copper	7440-50-8				0.036281	0 - 0.1	D / P	
└8	Manganese	7439-96-5				0.108844	0 - 0.3		
└8	Iron	7439-89-6				0.145125	0 - 0.4		
└8	Carbon	7440-44-0				0.090703	0 - 0.25		
└8	Silicon	7440-21-3				0.072562	0 - 0.2		
└8	Sulphur	7704-34-9				0.001814	0 - 0.005		
└8	Magnesium (metal)	7439-95-4				0.054422	0 - 0.15	D	
└7	Cu99		39346562 / 4		0.000063			3.1	Recyclate No
└8	Copper	7440-50-8				99.990909	99.9 - 100	D / P	
└8	Misc., not to declare	system				0.009091	0 - 0.01		
└7	Nickel Alloy (ACI CZ-100)		11859261 / 5		0.000022			3.4	Recyclate No
└8	Carbon	7440-44-0				0.5	0 - 1		
└8	Copper	7440-50-8				0.625	0 - 1.25	D / P	
└8	Iron	7439-89-6				1.5	0 - 3		
└8	Manganese	7439-96-5				0.75	0 - 1.5		
└8	Nickel	7440-02-0				95.595		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	Phosphorus	7723-14-0				0.015	0 - 0.03		
└8	Sulphur	7704-34-9				0.015	0 - 0.03		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Silicon	7440-21-3				1	0 - 2		
└7	Sn 99.99		11895828 / 2		0.000069			4.2	Recyclate No
└8	Aluminium (metal)	7429-90-5				0.000282	0 - 0.0005		
└8	Arsenic	7440-38-2				0.000282	0 - 0.0005	D	
└8	Bismuth	7440-69-9				0.000056	0 - 0.0001		
└8	Cadmium	7440-43-9				0.000282	0 - 0.0005	D / P / SVHC	Concentration within acceptable GADSL limits [47]
└8	Copper	7440-50-8				0.000282	0 - 0.0005	D / P	
└8	Iron	7439-89-6				0.000056	0 - 0.0001		
└8	Lead	7439-92-1				0.00226	0 - 0.004	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└8	Antimony	7440-36-0				0.000565	0 - 0.001		
└8	Tin	7440-31-5				99.99565	99.99 - 100		
└8	Zinc (metal)	7440-66-6				0.000282	0 - 0.0005		
└5	Linear Resistor	A2-C042-0380-0-00		1	0.0006				
└6	RMC10K3092FTH	A2C04203800	922828846 / 1	1	0.0006				not yet answered
└7	Ceramics	Al2O3			0.000521			7.2	Recyclate No
└8	Aluminium oxide	1344-28-1				96.8			
└8	Quartz (SiO2)	14808-60-7				2.2		D	
└8	Magnesium-oxide	1309-48-4				1		D	
└7	Ep-Ag		73281481 / 3		0.000008			4.2	Recyclate No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Silver	 7440-22-4				99.75		 D / P	
└7	 Ag/Pd/PbO/SiO2	 2641			0.000007			 8.1	 Recyclate not yet answered
└8	 Silver	 7440-22-4				93.84		 D / P	
└8	 Palladium	 7440-05-3				2.47		 D	
└8	 Lead-monoxide	 1317-36-8				1.23		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Silicon dioxide	 7631-86-9				2.46			
└7	 Ni/Cr	 Ni/Cr Alloy			0.000001			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				80		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Chromium	 7440-47-3				20			
└7	 Ag/Pd/RuO2/PbO/SiO2	 R-UL UA SF series			0.000004			 7.2	 Recyclate No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Silver	 7440-22-4				23.12		 D / P	
└8	 Palladium	 7440-05-3				11.56		 D	
└8	 Ruthenium(IV)oxide	 12036-10-1				17.34		 D	
└8	 Lead-monoxide	 1317-36-8				20.23		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Aluminium oxide	 1344-28-1				2.89			
└8	 Silicon dioxide	 7631-86-9				17.34			
└8	 Zinc oxide	 1314-13-2				1.73		 D / P	
└8	 Copper-oxide	 1317-38-0				0.58		 D	
└8	 Trimanganese tetraoxide	 1317-35-7				1.16			
└8	 Ditantalum-pentaoxide	 1314-61-0				1.16			
└8	 Titanium-dioxide	 13463-67-7				2.89			
└7	 Coating (ceramics, glass)	 GLP40336			0.000012			 7.2	 Recyclate No

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└8	 Dibismuth-trioxide	 1304-76-3				53.84			
└8	 Silicon dioxide	 7631-86-9				23.08			
└8	 Aluminium oxide	 1344-28-1				10.26			
└8	 Zirconium-dioxide	 1314-23-4				5.13			
└8	 Barium oxide	 1304-28-5				3.85		 D	
└8	 Zinc oxide	 1314-13-2				2.56		 D / P	
└8	 29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	 147-14-8				1.28			
└7	 EP	 5499A			0.000013			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Aluminium-silicate	 12141-46-7				53.85			
└8	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				38.46			
└8	 Carbon black	 1333-86-4				7.69			
└7	 Ep-Ni		73281475 / 2		0.000017			 3.4	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ep-Sn		73281477 / 2		0.000018			 4.2	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Tin	7440-31-5				99.75			
└5	Resistor	A2-C000-0643-8-00		1	0.005				
└6	Chip Resistors	A2C0000643800	1145012452 / 1	1	0.005				Not Applicable
└7	Ceramics	Al2O3			0.00456649			7.2	Recyclate No
└8	Aluminium oxide	1344-28-1				96.8			
└8	Quartz (SiO2)	14808-60-7				2.2		D	
└8	Magnesium-oxide	1309-48-4				1		D	
└7	Ag/Ni	SR4382-M			0.00002701			4.2	Recyclate No
└8	Silver	7440-22-4				87.5		D / P	
└8	Nickel	7440-02-0				12.5		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ag/Pd/SiO2	2101P-01			0.0000455			4.2	Recyclate No
└8	Silver	7440-22-4				80.45		D / P	
└8	Palladium	7440-05-3				2.3		D	
└8	Aluminium oxide	1344-28-1				3.45			
└8	Silicon dioxide	7631-86-9				4.6			
└8	Copper-oxide	1317-38-0				2.3		D	
└8	Trimanganese tetraoxide	1317-35-7				1.15			
└8	Calcium-oxide	1305-78-8				2.3			

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Carbon black	1333-86-4				3.45			
└7	Ni/Cr	Ni/Cr Alloy			0.000001			3.4	Recyclate No
└8	Nickel	7440-02-0				80		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	Chromium	7440-47-3				20			
└7	Ag/Pd/RuO2/PbO/SiO2	R-UL UA SF series			0.00003448			7.2	Recyclate No
└8	Silver	7440-22-4				25.44		D / P	
└8	Palladium	7440-05-3				10.9		D	
└8	Ruthenium(IV)oxide	12036-10-1				12.24		D	
└8	Lead-monoxide	1317-36-8				19.37		D / P / SVHC	10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	Aluminium oxide	1344-28-1				3.23			
└8	Silicon dioxide	7631-86-9				20.25			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Zinc oxide	 1314-13-2				2.11		 D / P	
└8	 Copper-oxide	 1317-38-0				0.97		 D	
└8	 Trimanganese tetraoxide	 1317-35-7				1.61			
└8	 Ditantalum-pentaoxide	 1314-61-0				2.91			
└8	 Titanium-dioxide	 13463-67-7				0.97			
└7	 Coating (ceramics, glass)	 GLP40336			0.00005001			 7.2	 Recyclate No
└8	 Aluminium oxide	 1344-28-1				12.82			
└8	 Silicon dioxide	 7631-86-9				25.64			
└8	 Zinc oxide	 1314-13-2				3.85		 D / P	
└8	 Dibismuth-trioxide	 1304-76-3				51.28			
└8	 Zirconium-dioxide	 1314-23-4				5.13			
└8	 29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	 147-14-8				1.28			
└7	 EP	 5499A			0.00011651			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Aluminium-silicate	 12141-46-7				53.85			
└8	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				38.46			
└8	 Carbon black	 1333-86-4				7.69			
└7	 EP	 S-411W/HD-C			0.000004			 5.4.3	 Recyclate No Content of bio-based material No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				40			
└8	 Titanium-dioxide	 13463-67-7				40			
└8	 Talc	 14807-96-6				20		 D	
└7	 Ep-Ni		73281475 / 2		0.000077			 3.4	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ep-Sn		73281477 / 2		0.000078			 4.2	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Tin	 7440-31-5				99.75			
└5	 Zener Diode	 A2-C000-1993-8-00		1	0.00434				
└6	 Small Signal Zener Diode	 A2C0001993800	471268296 / 14	1	0.00434				 Not Applicable
└7	 EP	 SOT-23			0.0028			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Silica, vitreous	 60676-86-0				74			
└8	 Antimonytrioxide	 1309-64-4				1		 D	
└8	 Epoxy resin	 -				24			
└8	 Carbon	 7440-44-0				1			
└7	 Iron Nickel Alloy 42		76232632 / 4		0.0013			 1.1.2	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Aluminium (metal)	 7429-90-5				0.05	0 - 0.1		
└8	 Carbon	 7440-44-0				0.025	0 - 0.05		
└8	 Chromium	 7440-47-3				0.125	0 - 0.25		
└8	 Manganese	 7439-96-5				0.4	0 - 0.8		
└8	 Nickel	 7440-02-0				41		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Phosphorus	 7723-14-0				0.0125	0 - 0.025		
└8	 Sulphur	 7704-34-9				0.0125	0 - 0.025		
└8	 Silicon	 7440-21-3				0.15	0 - 0.3		
└8	 Iron	 7439-89-6				58.225			
└7	 e-plate Ag (electrodeposited Silver Coatings)		757767 / 4		0.00003			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				99.9		 D / P	
└8	 Misc., not to declare	 system				0.1	0 - 0.2		
└7	 e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 7		0.00011			 4.2	 Recyclate No
└8	 Lead	 7439-92-1				0.05	0 - 0.1	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Tin	 7440-31-5				99.45			
└8	 Misc., not to declare	 system				0.5	0 - 1		
└7	 Gold (99.99)		470529825 / 2		0.00002			 4.2	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Gold	 7440-57-5				99.993226	99.99 - 100		
└8	 Copper	 7440-50-8				0.002903	0 - 0.009	 D / P	
└8	 Silver	 7440-22-4				0.002903	0 - 0.009	 D / P	
└8	 Misc., not to declare	 system				0.000968	0 - 0.003		
└7	 Si99,6				0.00007			 4.2	 Recyclate No
└8	 Silicon	 7440-21-3				99.6			
└8	 Quartz (SiO2)	 14808-60-7				0.4		 D	
└7	 Electroless Au (electroless deposited gold layer)		10648379 / 1		0.00001			 4.2	 Recyclate No
└8	 Carbon	 7440-44-0				0.005	0 - 0.01		
└8	 Nitrogen	 7727-37-9				0.05	0 - 0.1		
└8	 Gold	 7440-57-5				99.945			
└5	 Capacitor	 A2-C020-5710-0-00		2	0.116				
└6	 Multilayer Ceramic Chip Capacitor	 A2C02057100	925218034 / 1	1	0.116				
└7	 Dielectric			1	0.08282				
└8	 Dielectric Ceramics				0.08282			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.02554				

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Nickel composite materials				0.02554			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00656				
└8	 Copper composite materials				0.00656			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00054				
└8	 Ep-Ni		73281475 / 2		0.00054			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00054				
└8	 Ep-Sn		73281477 / 2		0.00054			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Tin	 7440-31-5				99.75			
└5	 Resistor	 A2-C042-1960-0-00		1	0.0007				
└6	 Resistor	 A2C04219600	886178378 / 4	1	0.0007				
└7	 Ceramic Substrate	 RK73H 1E T - Substrate		1	0.000581				
└8	 Ceramic				0.0005812			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				99.8			
└9	 Misc., not to declare	 system				0.2			
└7	 Top Terminal	 RK73H 1E T - Inner Electrode (Top)		1	0.000019				
└8	 Glass				0.0000193			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				3.13			
└9	 Lead	 7439-92-1				1.87		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Silver	 7440-22-4				91.5		 D / P	
└9	 Palladium	 7440-05-3				2.5		 D	
└9	 Phosphorus	 7723-14-0				0.01			
└9	 Misc., not to declare	 system				0.99			
└7	 Bottom Terminal	 RK73H 1E T - Inner Electrode (Bottom)		1	0.000008				
└8	 Glass				0.000008			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				4.27			
└9	 Lead	 7439-92-1				3.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Silver	 7440-22-4				87.5		 D / P	
└9	 Copper-oxide	 1317-38-0				4		 D	
└9	 Titanium-dioxide	 13463-67-7				0.05			

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Misc., not to declare	system				0.45			
└7	Side Terminal	RK73H 1E T - Inner Electrode (Side)		1	0.000001				
└8	Chromium-Nickel Alloy (50Cr- 50Ni)		100120611 / 5		0.000001			4.2	Recyclate No
└9	Aluminium (metal)	7429-90-5				0.125	0 - 0.25		
└9	Carbon	7440-44-0				0.05	0 - 0.1		
└9	Chromium	7440-47-3				50	48 - 52		
└9	Iron	7439-89-6				0.5	0 - 1		
└9	Manganese	7439-96-5				0.15	0 - 0.3		
└9	Nitrogen	7727-37-9				0.15	0 - 0.3		
└9	Nickel	7440-02-0				48.255		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	Phosphorus	7723-14-0				0.01	0 - 0.02		
└9	Sulphur	7704-34-9				0.01	0 - 0.02		
└9	Silicon	7440-21-3				0.5	0 - 1		
└9	Titanium	7440-32-6				0.25	0 - 0.5		
└7	Resistive Element	RK73H 1E T - Resistive Film		1	0.000008				
└8	Glass				0.0000083			7.2	Recyclate No
└9	Glass without declarable substances	-				31.8			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				32.2		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Ruthenium(IV)oxide	 12036-10-1				34		 D	
└9	 Phosphorus	 7723-14-0				0.04			
└9	 Misc., not to declare	 system				1.96			
└7	 Inner Protective Element	 RK73H 1E T - Inner protective coat		1	0.000007				
└8	 Glass				0.0000066			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				52.27			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				45.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				0.02		 D	
└9	 Misc., not to declare	 system				1.98			
└7	 Overcoat	 RK73H 1E T - Outer protective coat		1	0.00001				 Not Applicable
└8	 EP-(QD29+MD25)				0.00001			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				46.5			
└9	 Quartz (SiO2)	 14808-60-7				28.6		 D	
└9	 Tricobalt-tetraoxide	 1308-06-1				0.9		 D	
└9	 Chromium(III)oxide	 1308-38-9				2.7			
└9	 Magnesium-oxide	 1309-48-4				7		 D	
└9	 Titanium-dioxide	 13463-67-7				10.3			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Aluminium oxide	 1344-28-1				2			
└9	 Dibismuth-trioxide	 1304-76-3				1.7			
└9	 Misc., not to declare	 system				0.3			
└7	 Middle Terminal	 RK73H 1E T - EP-Ni		1	0.000035				
└8	 Ep-Ni		73281475 / 2		0.0000354			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Outer Terminal	 RK73H 1E T - EP-Sn		1	0.000031				
└8	 Ep-Sn		73281477 / 2		0.0000308			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C020-5690-0-00		7	0.0015				
└6	 Multilayer Ceramic Chip Capacitor	 A2C02056900	925229101 / 1	1	0.0015				
└7	 Dielectric			1	0.00091				
└8	 Dielectric Ceramics				0.00091			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 Inner Electrode			1	0.00013				
└8	 Nickel composite materials				0.00013			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.0004				
└8	 Copper composite materials				0.0004			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00003				
└8	 Ep-Ni		73281475 / 2		0.00003			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00003				
└8	 Ep-Sn		73281477 / 2		0.00003			 4.2	 Recyclate No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C037-0290-0-00		3	0.0014				
└6	 Multilayer Ceramic Chip Capacitor	 A2C03702900	934081741 / 1	1	0.0014				
└7	 Dielectric			1	0.0009				
└8	 Dielectric Ceramics				0.0009			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00004				
└8	 Nickel composite materials				0.00004			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.0004				
└8	 Copper composite materials				0.0004			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			

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└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00003				
└8	 Ep-Ni		73281475 / 2		0.00003			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00003				
└8	 Ep-Sn		73281477 / 2		0.00003			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Resistor	 A2-C000-0705-9-00		1	0.002				
└6	 Chip Resistors	 A2C0000705900	1145583764 / 1	1	0.002				 Not Applicable
└7	 Ceramics	 Al2O3			0.00181942			 7.2	 Recyclate No
└8	 Aluminium oxide	 1344-28-1				96.8			
└8	 Quartz (SiO2)	 14808-60-7				2.2		 D	
└8	 Magnesium-oxide	 1309-48-4				1		 D	
└7	 Ag/Ni	 SR4382-M			0.00001261			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				87.5		 D / P	

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Nickel	 7440-02-0				12.5		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ag/Pd/SiO2	 2101P-01			0.00001799			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				80.45		 D / P	
└8	 Palladium	 7440-05-3				2.3		 D	
└8	 Aluminium oxide	 1344-28-1				3.45			
└8	 Silicon dioxide	 7631-86-9				4.6			
└8	 Copper-oxide	 1317-38-0				2.3		 D	
└8	 Trimanganese tetraoxide	 1317-35-7				1.15			
└8	 Calcium-oxide	 1305-78-8				2.3			
└8	 Carbon black	 1333-86-4				3.45			
└7	 Ni/Cr	 Ni/Cr Alloy			0.0000006			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				80		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Chromium	 7440-47-3				20			
└7	 Ag/Pd/RuO2/PbO/SiO2	 R-UL UA SF series			0.00001559			 7.2	 Recyclate No
└8	 Silver	 7440-22-4				25.44		 D / P	
└8	 Palladium	 7440-05-3				10.9		 D	
└8	 Ruthenium(IV)oxide	 12036-10-1				12.24		 D	

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└8	 Lead-monoxide	 1317-36-8				19.37		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Aluminium oxide	 1344-28-1				3.23			
└8	 Silicon dioxide	 7631-86-9				20.25			
└8	 Zinc oxide	 1314-13-2				2.11		 D / P	
└8	 Copper-oxide	 1317-38-0				0.97		 D	
└8	 Trimanganese tetraoxide	 1317-35-7				1.61			
└8	 Ditantalum-pentaoxide	 1314-61-0				2.91			
└8	 Titanium-dioxide	 13463-67-7				0.97			
└7	 Coating (ceramics, glass)	 GLP40336			0.00002739			 7.2	 Recyclate No
└8	 Aluminium oxide	 1344-28-1				12.82			
└8	 Silicon dioxide	 7631-86-9				25.64			
└8	 Zinc oxide	 1314-13-2				3.85		 D / P	

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└8	 Dibismuth-trioxide	 1304-76-3				51.28			
└8	 Zirconium-dioxide	 1314-23-4				5.13			
└8	 29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	 147-14-8				1.28			
└7	 EP	 5499A			0.0000304			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Aluminium-silicate	 12141-46-7				53.85			
└8	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				38.46			
└8	 Carbon black	 1333-86-4				7.69			
└7	 EP	 S-411W/HD-C			0.0000016			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				40			
└8	 Titanium-dioxide	 13463-67-7				40			
└8	 Talc	 14807-96-6				20		 D	
└7	 Ep-Ni		73281475 / 2		0.0000364			 3.4	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ep-Sn		73281477 / 2		0.000038			 4.2	 Recyclate No

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└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Tin	 7440-31-5				99.75			
└5	 Linear Resistor	 A2-C045-0730-0-00		3	0.0007				
└6	 KOA Resistor	 A2C04507300	972316246 / 1	1	0.0007				 Not Applicable
└7	 Ceramic				0.000581			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				99.8			
└8	 Misc., not to declare	 system				0.2			
└7	 Ag/Pd material				0.000018			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				93.9		 D / P	
└8	 Palladium	 7440-05-3				2.6		 D	
└8	 Phosphorus	 7723-14-0				0.0117			
└8	 Misc., not to declare	 system				3.4883			
└7	 Glass containing Lead				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				62.9			

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└8	 Lead	 7439-92-1				37.1		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 Ag material				0.000007			 8.1	 Recyclate not yet answered
└8	 Silver	 7440-22-4				95.11		 D / P	
└8	 Copper-oxide	 1317-38-0				4.35		 D	
└8	 Titanium-dioxide	 13463-67-7				0.05			
└8	 Misc., not to declare	 system				0.49			
└7	 Glass containing Lead				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				53.57			

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└8	 Lead	 7439-92-1				46.43		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 NiCr				0.000001			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				50		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Chromium	 7440-47-3				49.99			
└8	 Lead	 7439-92-1				0.01		 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└7	 Glass containing Lead				0.000008			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				65.96			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Lead	 7439-92-1				32.04		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Misc., not to declare	 system				2			
└7	 Glass containing Lead				0.000007			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				52.52			
└8	 Lead	 7439-92-1				45.5		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Misc., not to declare	system				1.98			
└7	EP+MD53				0.00001			5.4.3	Recyclate No Content of bio-based material No
└8	Epoxy resin	-				46.5			
└8	Quartz (SiO2)	14808-60-7				28.6		D	
└8	Tricobalt-tetraoxide	1308-06-1				0.9		D	
└8	Chromium(III)oxide	1308-38-9				2.7			
└8	Magnesium-oxide	1309-48-4				7		D	
└8	Titanium-dioxide	13463-67-7				10.3			
└8	Aluminium oxide	1344-28-1				2			
└8	Dibismuth-trioxide	1304-76-3				1.7			
└8	Misc., not to declare	system				0.3			
└7	Ep-Ni		73281475 / 2		0.000035			3.4	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ep-Sn		73281477 / 2		0.000031			4.2	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Tin	7440-31-5				99.75			
└5	Capacitor	A2-C035-9810-0-00		1	0.005915				

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└6	 MLCC Capacitor- GA0603H222KXBAP31G	 A2C03598100	832780829 / 2	1	0.005915				
└7	 Ceramic_X8R			1	0.005102				
└8	 Ceramic				0.005102			 7.2	 Recyclate No
└9	 Barium-titanium-trioxide	 12047-27-7				87.4			
└9	 Dibismuth-trioxide	 1304-76-3				7.72			
└9	 Anatase titanium dioxide	 1317-70-0				2.21			
└9	 Misc., not to declare	 system				2.67			
└7	 Ag-Pd Electrode			1	0.000153				
└8	 AgPd				0.000153			 4.2	 Recyclate No
└9	 Silver	 7440-22-4				95		 D / P	
└9	 Palladium	 7440-05-3				5		 D	
└7	 Ag Termination X			1	0.00045				
└8	 Silver				0.00045			 4.2	 Recyclate No
└9	 Silver	 7440-22-4				96		 D / P	
└9	 Misc., not to declare	 system				4			
└7	 SnNi Electroplating			1	0.00021				
└8	 SnNi				0.00021			 4.2	 Recyclate No
└9	 Tin	 7440-31-5				67			

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└9	 Nickel	 7440-02-0				33		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└5	 Capacitor	 A2-C400-0690-4-00		3	0.006				
└6	 C CER,C0G,470pF,5%,50V,0603,Sn	 A2C40006904	922548631 / 2	1	0.006				
└7	 CERAMIC			1	0.00501				
└8	 Oxide ceramic				0.00501			 7.2	 Recyclate No
└9	 Strontium titanium oxide (SrTiO3)	 12060-59-2				4.889		 D	
└9	 Calcium-zirconium-trioxide	 12013-47-7				92.891			
└9	 Manganese-carbonate	 598-62-9				1.27			
└9	 Glass without declarable substances	 -				0.95			
└7	 INNER ELECTRODE			1	0.00044				
└8	 Nickel Alloy (ACI CZ-100)		11859261 / 5		0.00044			 3.4	 Recyclate No
└9	 Carbon	 7440-44-0				0.5	0 - 1		
└9	 Copper	 7440-50-8				0.625	0 - 1.25	 D / P	
└9	 Iron	 7439-89-6				1.5	0 - 3		
└9	 Manganese	 7439-96-5				0.75	0 - 1.5		
└9	 Nickel	 7440-02-0				95.595		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

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└9	 Phosphorus	 7723-14-0				0.015	0 - 0.03		
└9	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└9	 Silicon	 7440-21-3				1	0 - 2		
└7	 TERMINATION			1	0.00023				
└8	 Copper Alloy		76991269 / 4		0.00023			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				99.371492	99 - 99.82	 D / P	
└9	 Chromium	 7440-47-3				0.26326	0.15 - 0.4		
└9	 Silicon	 7440-21-3				0.042652	0.02 - 0.07		
└9	 Titanium	 7440-32-6				0.186685	0.01 - 0.4		
└9	 Misc., not to declare	 system				0.090608	0 - 0.2		
└9	 Silver	 7440-22-4				0.045304	0 - 0.1	 D / P	
└7	 NICKEL PLATING			1	0.000128				
└8	 e-plate Ni (Dull-/semi-bright) (electrodeposited Nickel Dull/semi-bright)		114806927 / 4		0.000128			 3.4	 Recyclate No
└9	 Carbon	 7440-44-0				0.4	0.1 - 0.7		
└9	 Nickel	 7440-02-0				99.35		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└7	 TIN OVERPLATING			1	0.000192				

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└8	 e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 6		0.000192			 4.2	 Recyclate No
└9	 Carbon	 7440-44-0				0.505	0.01 - 1		
└9	 Sulphur	 7704-34-9				0.02	0 - 0.04		
└9	 Lead	 7439-92-1				0.05	0 - 0.1	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Tin	 7440-31-5				99.425			
└5	 Resistor	 A2-C042-1980-0-00		2	0.0007				
└6	 Resistor	 A2C04219800	886178151 / 2	1	0.0007				
└7	 Ceramic Substrate	 RK73H 1E T - Substrate		1	0.000581				
└8	 Ceramic				0.0005812			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				99.8			
└9	 Misc., not to declare	 system				0.2			
└7	 Top Terminal	 RK73H 1E T - Inner Electrode (Top)		1	0.000019				
└8	 Glass				0.0000193			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				3.13			

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└9	 Lead	 7439-92-1				1.87		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Silver	 7440-22-4				91.5		 D / P	
└9	 Palladium	 7440-05-3				2.5		 D	
└9	 Phosphorus	 7723-14-0				0.01			
└9	 Misc., not to declare	 system				0.99			
└7	 Bottom Terminal	 RK73H 1E T - Inner Electrode (Bottom)		1	0.000008				
└8	 Glass				0.000008			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				4.27			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				3.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Silver	 7440-22-4				87.5		 D / P	
└9	 Copper-oxide	 1317-38-0				4		 D	
└9	 Titanium-dioxide	 13463-67-7				0.05			
└9	 Misc., not to declare	 system				0.45			
└7	 Side Terminal	 RK73H 1E T - Inner Electrode (Side)		1	0.000001				
└8	 Chromium-Nickel Alloy (50Cr-50Ni)		100120611 / 5		0.000001			 4.2	 Recyclate No
└9	 Aluminium (metal)	 7429-90-5				0.125	0 - 0.25		
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Chromium	 7440-47-3				50	48 - 52		
└9	 Iron	 7439-89-6				0.5	0 - 1		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Manganese	 7439-96-5				0.15	0 - 0.3		
└9	 Nitrogen	 7727-37-9				0.15	0 - 0.3		
└9	 Nickel	 7440-02-0				48.255		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Phosphorus	 7723-14-0				0.01	0 - 0.02		
└9	 Sulphur	 7704-34-9				0.01	0 - 0.02		
└9	 Silicon	 7440-21-3				0.5	0 - 1		
└9	 Titanium	 7440-32-6				0.25	0 - 0.5		
└7	 Resistive Element	 RK73H 1E T - Resistive Film		1	0.000008				
└8	 Glass				0.0000083			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				31.8			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				32.2		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Ruthenium(IV)oxide	 12036-10-1				34		 D	
└9	 Phosphorus	 7723-14-0				0.04			
└9	 Misc., not to declare	 system				1.96			
└7	 Inner Protective Element	 RK73H 1E T - Inner protective coat		1	0.000007				
└8	 Glass				0.0000066			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				52.27			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				45.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				0.02		 D	
└9	 Misc., not to declare	 system				1.98			
└7	 Overcoat	 RK73H 1E T - Outer protective coat		1	0.00001				 Not Applicable
└8	 EP-(QD29+MD25)				0.00001			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				46.5			
└9	 Quartz (SiO2)	 14808-60-7				28.6		 D	
└9	 Tricobalt-tetraoxide	 1308-06-1				0.9		 D	
└9	 Chromium(III)oxide	 1308-38-9				2.7			
└9	 Magnesium-oxide	 1309-48-4				7		 D	
└9	 Titanium-dioxide	 13463-67-7				10.3			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Aluminium oxide	 1344-28-1				2			
└9	 Dibismuth-trioxide	 1304-76-3				1.7			
└9	 Misc., not to declare	 system				0.3			
└7	 Middle Terminal	 RK73H 1E T - EP-Ni		1	0.000035				
└8	 Ep-Ni		73281475 / 2		0.0000354			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Outer Terminal	 RK73H 1E T - EP-Sn		1	0.000031				
└8	 Ep-Sn		73281477 / 2		0.0000308			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 IC Digital	 A2-C014-9700-0-00		1	0.18				
└6	 16-BIT GENERAL MCU RL78/F13 F14	 A2C01497000	926648010 / 1	1	0.18				
└7	 R5F10BGGYFB X5GP	 PROD02640614		1	0.18				 Not Applicable
└8	 Si-based Semiconductor				0.017				
└9	 Si-based Semiconductor	 Chip (Die) - As10				99.2		 4.2	 Recyclate No
└10	 Arsenic	 7440-38-2				0.001		 D	

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└10	Phosphorus	7723-14-0				0.025			
└10	Silicon	7440-21-3				99.964			
└10	Boron	7440-42-8				0.01		D	
└9	Al-99,7		826995312 / 1			0.5	0.4 - 0.6	2.1.1	Recyclate No
└10	Aluminium (metal)	7429-90-5				99.824309	99.7 - 100		
└10	Silicon	7440-21-3				0.041436	0 - 0.1		
└10	Iron	7439-89-6				0.082873	0 - 0.2		
└10	Copper	7440-50-8				0.004144	0 - 0.01	D / P	
└10	Manganese	7439-96-5				0.020718	0 - 0.05		
└10	Magnesium (metal)	7439-95-4				0.008287	0 - 0.02	D	
└10	Chromium	7440-47-3				0.001657	0 - 0.004		
└10	Zinc (metal)	7440-66-6				0.016575	0 - 0.04		
└9	Cu99		39346562 / 4			0.3	0.1 - 0.5	3.1	Recyclate No
└10	Copper	7440-50-8				99.990909	99.9 - 100	D / P	
└10	Misc., not to declare	system				0.009091	0 - 0.01		
└8	AuPd Bonding wires				0.002				
└9	AuPd wires	Bonding wires				100		4.2	Recyclate No
└10	Gold	7440-57-5				99			
└10	Palladium	7440-05-3				1	0.5 - 2	D	

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└8	Cu Lead frame	C194			0.047				
└9	High Copper Alloy		11833691 / 7			99.95		3.2	Recyclate No
└10	Copper	7440-50-8				97.460055	97 - 98	D / P	
└10	Iron	7439-89-6				2.330028	2.1 - 2.6		
└10	Phosphorus	7723-14-0				0.077107	0.015 - 0.15		
└10	Lead	7439-92-1				0.013802	0 - 0.03	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└10	Zinc (metal)	7440-66-6				0.119008	0.05 - 0.2		
└9	e-plate Ag (electrodeposited Silver Coatings)		757767 / 3			0.05	0 - 0.1	4.2	Recyclate No
└10	Carbon	7440-44-0				0.05	0 - 0.1		
└10	Sulphur	7704-34-9				0.05	0 - 0.1		
└10	Silver	7440-22-4				99.9		D / P	
└8	EP Die Attachment	EP-MD80			0.0053				
└9	AgEP adhesive	Die Attachment				100		6.2	Recyclate not yet answered Content of bio-based material No
└10	Silver	7440-22-4				80	77 - 83	D / P	
└10	Acrylated Epoxy Resin	-				20			
└8	EP Encapsulation	EP+PF-QD90			0.1051				
└9	EP+PF-QD90	Encapsulation				100		5.4.3	Recyclate No Content of bio-based material No
└10	Silica, vitreous	60676-86-0				89.9			

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└10	 Epoxy resin	 -				4	3 - 5		
└10	 Phenolic Resin	 -				4	3 - 5		
└10	 Organic phosphorus compound ISO 1043-4, not declarable	 -				1.5	1 - 2		
└10	 Carbon black	 1333-86-4				0.6	0.4 - 0.8		
└8	 Ep-Sn Lead finish				0.0036				
└9	 Ep-Sn		73281477 / 2			100		 4.2	 Recyclate No
└10	 Misc., not to declare	 system				0.25	0 - 0.5		
└10	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C025-5760-0-00		1	0.0015				
└6	 Multilayer Ceramic Chip Capacitor	 A2C02557600	946244237 / 1	1	0.0015				
└7	 Dielectric			1	0.00087				
└8	 Dielectric Ceramics				0.00087			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00017				
└8	 Nickel composite materials				0.00017			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

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└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.0004				
└8	 Copper composite materials				0.0004			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00003				
└8	 Ep-Ni		73281475 / 2		0.00003			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00003				
└8	 Ep-Sn		73281477 / 2		0.00003			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Bipolar Transistor	 A2-C400-1079-3-00		1	0.00802				
└6	 Transistor	 A2C40010793	923464472 / 4	1	0.00802				 Not Applicable

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└7	 EP-QD75				0.0049			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Silicon dioxide	 7631-86-9				75			
└8	 Epoxy resin	 -				15			
└8	 Carbon black	 1333-86-4				0.5			
└8	 Zinc oxide	 1314-13-2				0.5		 D / P	
└8	 Dodecaboron tetrazinc docosaoxide heptahydrate	 138265-88-0				3		 D	
└8	 Misc., not to declare	 system				6			
└7	 Iron Nickel Alloy 42		76232632 / 4		0.002526			 1.1.2	 Recyclate No
└8	 Aluminium (metal)	 7429-90-5				0.05	0 - 0.1		
└8	 Carbon	 7440-44-0				0.025	0 - 0.05		
└8	 Chromium	 7440-47-3				0.125	0 - 0.25		
└8	 Manganese	 7439-96-5				0.4	0 - 0.8		
└8	 Nickel	 7440-02-0				41		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Phosphorus	 7723-14-0				0.0125	0 - 0.025		
└8	 Sulphur	 7704-34-9				0.0125	0 - 0.025		
└8	 Silicon	 7440-21-3				0.15	0 - 0.3		
└8	 Iron	 7439-89-6				58.225			

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└7	 Ep-Cu		73281490 / 2		0.000394			 3.1	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Copper	 7440-50-8				99.75		 D / P	
└7	 Tin99.99-Misc.0.01				0.00014			 4.2	 Recyclate No
└8	 Tin	 7440-31-5				99.99			
└8	 Misc., not to declare	 system				0.01			
└7	 Sieg (Silicon electronic grade, e.g. for Wafer)		127807180 / 3		0.00005			 4.2	 Recyclate No
└8	 Silicon	 7440-21-3				99.99995	99.9999 - 100		
└8	 Misc., not to declare	 system				0.00005			
└7	 Copper99-Pd1.00				0.00001			 3.1	 Recyclate No
└8	 Copper	 7440-50-8				99		 D / P	
└8	 Palladium	 7440-05-3				1		 D	
└5	 Resistor	 A2-C017-5340-0-00		1	0.000561				
└6	 Resistor_TNPW04022K37BXED	 A2C01753400	921613038 / 1	1	0.000561				 Not Applicable
└7	 Ceramic				0.000447				
└8	 Ceramic					100		 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				100			
└7	 Nickel Based Alloy NiCrAl39-4				0.000001				
└8	 Nickel Based Alloy NiCrAl39-4		262527933 / 1			100		 3.4	 Recyclate No

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└9	 Aluminium (metal)	 7429-90-5				3.75	3.5 - 4		
└9	 Chromium	 7440-47-3				39	37 - 41		
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Silicon	 7440-21-3				0.25	0 - 0.5		
└9	 Manganese	 7439-96-5				0.25	0 - 0.5		
└9	 Phosphorus	 7723-14-0				0.015	0 - 0.03		
└9	 Sulphur	 7704-34-9				0.0075	0 - 0.015		
└9	 Copper	 7440-50-8				0.25	0 - 0.5	 D / P	
└9	 Misc., not to declare	 system				0.5	0 - 1		
└9	 Nickel	 7440-02-0				55.9275		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Silver-Palladium Brazing Alloy Vacuum Grade (BVAg-32)				0.000019				
└8	 Silver-Palladium Brazing Alloy Vacuum Grade (BVAg-32)		11834248 / 7			100		 4.2	 Recyclate No
└9	 Silver	 7440-22-4				54	53 - 55	 D / P	
└9	 Carbon	 7440-44-0				0.0025	0 - 0.005		
└9	 Cadmium	 7440-43-9				0.0005	0 - 0.001	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Copper	 7440-50-8				21	20 - 22	 D / P	
└9	 Phosphorus	 7723-14-0				0.001	0 - 0.002		

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				0.001	0 - 0.002	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Palladium	 7440-05-3				24.9945		 D	
└9	 Zinc (metal)	 7440-66-6				0.0005	0 - 0.001		
└7	 Sn62Ni37CuCr				0.000069				
└8	 Sn62Ni37CuCr					100		 4.2	 Recyclate No
└9	 Nickel	 7440-02-0				37.424		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Tin	 7440-31-5				62.568			
└9	 Copper	 7440-50-8				0.0068		 D / P	
└9	 Chromium	 7440-47-3				0.0012			
└7	 EP-QD 25				0.000025				
└8	 EP-QD 25					100		 5.4.3	 Recyclate No Content of bio-based material No
└9	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				52			
└9	 Quartz (SiO2)	 14808-60-7				24		 D	
└9	 Cobalt chromite blue green spinel	 68187-11-1				24		 D	
└5	 Diode	 A2-C018-0100-0-00		1	0.246				
└6	 V10 Surface Mount Glass Passivated Rectifier	 A2C01801000	850928542 / 2	1	0.246				

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└7	 Silicon Chip				0.005			 4.2	 Recyclate No
└8	 Silicon	 7440-21-3				99.5			
└8	 Misc., not to declare	 system				0.5			
└7	 C1020		11834285 / 2		0.0759			 3.1	 Recyclate No
└8	 Copper	 7440-50-8				99.98	99.96 - 100	 D / P	
└8	 Misc., not to declare	 system				0.02			
└7	 EP+PF Thermosetting Silica filled epoxy encapsulant				0.152			 8.1	 Recyclate not yet answered
└8	 Antimonytrioxide	 1309-64-4				1		 D	
└8	 Brominated Epoxy	 68928-70-1				0.75			
└8	 Quartz (SiO2)	 14808-60-7				70		 D	
└8	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				16			
└8	 Carbon black	 1333-86-4				0.25			
└8	 Phenol, polymer with formaldehyde	 9003-35-4				12			
└7	 S-Pb95Sn3Ag2		87073044 / 2		0.00924			 4.2	 Recyclate No
└8	 Tin	 7440-31-5				2	1 - 3		
└8	 Lead	 7439-92-1				95.9535		 D / P / SVHC	 8(e) - Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead) [57]

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Antimony	7440-36-0				0.1	0 - 0.2		
└8	Copper	7440-50-8				0.04	0 - 0.08	D / P	
└8	Silver	7440-22-4				1.75	1.5 - 2	D / P	
└8	Aluminium (metal)	7429-90-5				0.0005	0 - 0.001		
└8	Arsenic	7440-38-2				0.015	0 - 0.03	D	
└8	Bismuth	7440-69-9				0.05	0 - 0.1		
└8	Cadmium	7440-43-9				0.0005	0 - 0.001	D / P / SVHC	Concentration within acceptable GADSL limits [47]
└8	Iron	7439-89-6				0.01	0 - 0.02		
└8	Indium	7440-74-6				0.05	0 - 0.1		
└8	Zinc (metal)	7440-66-6				0.0005	0 - 0.001		
└8	Gold	7440-57-5				0.025	0 - 0.05		
└8	Nickel	7440-02-0				0.005	0 - 0.01	D	Not applicable [34]
└7	e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 5		0.0024			4.2	Recyclate No
└8	Carbon	7440-44-0				0.505	0.01 - 1		
└8	Sulphur	7704-34-9				0.02	0 - 0.04		
└8	Lead	7439-92-1				0.015	0 - 0.03	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└8	Tin	7440-31-5				99.46			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 Electroless NiP(9%-11%) (electroless deposited Ni-layer with P-content)		498307074 / 2		0.00004			 3.4	 Recyclate No
└8	 Lead	 7439-92-1				0.05	0 - 0.1	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Phosphorus	 7723-14-0				10	9 - 11		
└8	 Nickel	 7440-02-0				89.925		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Carbon	 7440-44-0				0.025	0 - 0.05		
└7	 Electroless Au (electroless deposited gold layer)		10648379 / 1		0.000006			 4.2	 Recyclate No
└8	 Carbon	 7440-44-0				0.005	0 - 0.01		
└8	 Nitrogen	 7727-37-9				0.05	0 - 0.1		
└8	 Gold	 7440-57-5				99.945			
└7	 Passivation Glass				0.00122			 7.2	 Recyclate No
└8	 Silicon dioxide	 7631-86-9				49.75			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Lead-monoxide	 1317-36-8				40		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Aluminium oxide	 1344-28-1				10			
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└5	 Linear Resistor	 A2-C042-1950-0-00		1	0.0007				
└6	 KOA Resistor	 A2C04219500	886173484 / 2	1	0.0007				 Not Applicable
└7	 Ceramic				0.000581			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				99.8			
└8	 Misc., not to declare	 system				0.2			
└7	 Ag/Pd material				0.000018			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				93.9		 D / P	
└8	 Palladium	 7440-05-3				2.6		 D	
└8	 Phosphorus	 7723-14-0				0.0117			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Misc., not to declare	 system				3.4883			
└7	 Glass containing Lead				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				62.9			
└8	 Lead	 7439-92-1				37.1		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 Ag material				0.000007			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				95.11		 D / P	
└8	 Copper-oxide	 1317-38-0				4.35		 D	
└8	 Titanium-dioxide	 13463-67-7				0.05			
└8	 Misc., not to declare	 system				0.49			
└7	 Glass containing Lead				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				53.57			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Lead	 7439-92-1				46.43		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 NiCr				0.000001			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				50		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Chromium	 7440-47-3				49.99			
└8	 Lead	 7439-92-1				0.01		 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└7	 Glass containing Lead				0.000008			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				65.96			

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Lead	 7439-92-1				32.04		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Misc., not to declare	 system				2			
└7	 Glass containing Lead				0.000007			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				52.52			
└8	 Lead	 7439-92-1				45.5		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Misc., not to declare	system				1.98			
└7	EP+MD53				0.00001			5.4.3	Recyclate No Content of bio-based material No
└8	Epoxy resin	-				46.5			
└8	Quartz (SiO2)	14808-60-7				28.6		D	
└8	Tricobalt-tetraoxide	1308-06-1				0.9		D	
└8	Chromium(III)oxide	1308-38-9				2.7			
└8	Magnesium-oxide	1309-48-4				7		D	
└8	Titanium-dioxide	13463-67-7				10.3			
└8	Aluminium oxide	1344-28-1				2			
└8	Dibismuth-trioxide	1304-76-3				1.7			
└8	Misc., not to declare	system				0.3			
└7	Ep-Ni		73281475 / 2		0.000035			3.4	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ep-Sn		73281477 / 2		0.000031			4.2	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Tin	7440-31-5				99.75			
└5	Capacitor	A2-C400-0063-2-00		4	0.0055				

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└6	 Multilayer Ceramic Chip Capacitor	 A2C40000632	924741049 / 1	1	0.0055				
└7	 Dielectric			1	0.00435				
└8	 Dielectric Ceramics				0.00435			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00015				
└8	 Nickel composite materials				0.00015			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00086				
└8	 Copper composite materials				0.00086			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00007				
└8	 Ep-Ni		73281475 / 2		0.00007			 3.4	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00007				
└8	 Ep-Sn		73281477 / 2		0.00007			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C020-5660-0-00		2	0.0048				
└6	 Multilayer Ceramic Chip Capacitor	 A2C02056600	942173655 / 1	1	0.0048				
└7	 Dielectric			1	0.00372				
└8	 Dielectric Ceramics				0.00372			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00008				
└8	 Nickel composite materials				0.00008			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00086				
└8	 Copper composite materials				0.00086			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00007				
└8	 Ep-Ni		73281475 / 2		0.00007			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00007				
└8	 Ep-Sn		73281477 / 2		0.00007			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Resistor	 A2-C024-9530-0-00		1	0.005				
└6	 Resistor	 A2-C024-9530-0-00		1	0.005				
└7	 Resistor_TNPW080515R0BEEA	 A2C02495300	921004865 / 1	1	0.004831				 Not Applicable
└8	 Ceramic				0.004315				

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Ceramic					100		 7.2	 Recyclate No
└10	 Ceramic without declarable substances	 -				100			
└8	 Nickel Based Alloy NiCrAl39-4				0.000001				
└9	 Nickel Based Alloy NiCrAl39-4		262527933 / 1			100		 3.4	 Recyclate No
└10	 Aluminium (metal)	 7429-90-5				3.75	3.5 - 4		
└10	 Chromium	 7440-47-3				39	37 - 41		
└10	 Carbon	 7440-44-0				0.05	0 - 0.1		
└10	 Silicon	 7440-21-3				0.25	0 - 0.5		
└10	 Manganese	 7439-96-5				0.25	0 - 0.5		
└10	 Phosphorus	 7723-14-0				0.015	0 - 0.03		
└10	 Sulphur	 7704-34-9				0.0075	0 - 0.015		
└10	 Copper	 7440-50-8				0.25	0 - 0.5	 D / P	
└10	 Misc., not to declare	 system				0.5	0 - 1		
└10	 Nickel	 7440-02-0				55.9275		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Silver-Palladium Brazing Alloy Vacuum Grade (BVAg-32)				0.000115				
└9	 Silver-Palladium Brazing Alloy Vacuum Grade (BVAg-32)		11834248 / 7			100		 4.2	 Recyclate No
└10	 Silver	 7440-22-4				54	53 - 55	 D / P	

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└10	 Carbon	 7440-44-0				0.0025	0 - 0.005		
└10	 Cadmium	 7440-43-9				0.0005	0 - 0.001	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└10	 Copper	 7440-50-8				21	20 - 22	 D / P	
└10	 Phosphorus	 7723-14-0				0.001	0 - 0.002		
└10	 Lead	 7439-92-1				0.001	0 - 0.002	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└10	 Palladium	 7440-05-3				24.9945		 D	
└10	 Zinc (metal)	 7440-66-6				0.0005	0 - 0.001		
└8	 Sn62Ni37CuCr				0.000256				
└9	 Sn62Ni37CuCr					100		 4.2	 Recyclate No
└10	 Nickel	 7440-02-0				37.424		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└10	 Tin	 7440-31-5				62.568			
└10	 Copper	 7440-50-8				0.0068		 D / P	
└10	 Chromium	 7440-47-3				0.0012			
└8	 EP-QD 25				0.000144				
└9	 EP-QD 25					100		 5.4.3	 Recyclate No Content of bio-based material No
└10	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				52			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL,  SVHC	 Parts Marking  Source of material  Application [ID]
└10	 Quartz (SiO2)	 14808-60-7				24		 D	
└10	 Cobalt chromite blue green spinel	 68187-11-1				24		 D	
└5	 Resistor	 A2-C016-7140-0-00		2	0.000561				
└6	 Resistor_TNPW040231K6BEED	 A2C01671400	923502678 / 1	1	0.000561				 Not Applicable
└7	 Ceramic				0.000447				
└8	 Ceramic					100		 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				100			
└7	 Nickel Based Alloy NiCrAl39-4				0.000001				
└8	 Nickel Based Alloy NiCrAl39-4		262527933 / 1			100		 3.4	 Recyclate No
└9	 Aluminium (metal)	 7429-90-5				3.75	3.5 - 4		
└9	 Chromium	 7440-47-3				39	37 - 41		
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Silicon	 7440-21-3				0.25	0 - 0.5		
└9	 Manganese	 7439-96-5				0.25	0 - 0.5		
└9	 Phosphorus	 7723-14-0				0.015	0 - 0.03		
└9	 Sulphur	 7704-34-9				0.0075	0 - 0.015		
└9	 Copper	 7440-50-8				0.25	0 - 0.5	 D / P	
└9	 Misc., not to declare	 system				0.5	0 - 1		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Nickel	7440-02-0				55.9275		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Silver-Palladium Brazing Alloy Vacuum Grade (BVAg-32)				0.000019				
└8	Silver-Palladium Brazing Alloy Vacuum Grade (BVAg-32)		11834248 / 7			100		4.2	Recyclate No
└9	Silver	7440-22-4				54	53 - 55	D / P	
└9	Carbon	7440-44-0				0.0025	0 - 0.005		
└9	Cadmium	7440-43-9				0.0005	0 - 0.001	D / P / SVHC	Concentration within acceptable GADSL limits [47]
└9	Copper	7440-50-8				21	20 - 22	D / P	
└9	Phosphorus	7723-14-0				0.001	0 - 0.002		
└9	Lead	7439-92-1				0.001	0 - 0.002	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└9	Palladium	7440-05-3				24.9945		D	
└9	Zinc (metal)	7440-66-6				0.0005	0 - 0.001		
└7	Sn62Ni37CuCr				0.000069				
└8	Sn62Ni37CuCr					100		4.2	Recyclate No
└9	Nickel	7440-02-0				37.424		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	Tin	7440-31-5				62.568			
└9	Copper	7440-50-8				0.0068		D / P	

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Chromium	 7440-47-3				0.0012			
└7	 EP-QD 25				0.000025				
└8	 EP-QD 25					100		 5.4.3	 Recyclate No Content of bio-based material No
└9	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				52			
└9	 Quartz (SiO2)	 14808-60-7				24		 D	
└9	 Cobalt chromite blue green spinel	 68187-11-1				24		 D	
└5	 Diode	 A2-C000-3135-5-00		2	0.004294				
└6	 Small Signal Switching Diode, High Voltage BAV21WS-HE3	 A2C00031355	926248443 / 1	1	0.0043				 Not Applicable
└7	 EP-PF-QD74	 SOT23			0.0028			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				10			
└8	 Silica, vitreous	 60676-86-0				74			
└8	 Antimonytrioxide	 1309-64-4				1		 D	
└8	 Phenol, 4,4'-(1-methylethylidene)bis(2,6-dibromo-, polymer with (chl...	 40039-93-8				1		 D	
└8	 Carbon	 7440-44-0				1			
└8	 Phenol, polymer with formaldehyde	 9003-35-4				10			

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Misc., not to declare	system				3			
└7	Ni42		13197 / 4		0.0013			1.1.2	Recyclate No
└8	Carbon	7440-44-0				0.025	0 - 0.05		
└8	Manganese	7439-96-5				0.5	0 - 1		
└8	Nickel	7440-02-0				42	41 - 43	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	Silicon	7440-21-3				0.15	0 - 0.3		
└8	Iron	7439-89-6				57.325			
└7	e-plate Ag (electrodeposited Silver Coatings)		757767 / 3		0.00003			4.2	Recyclate No
└8	Carbon	7440-44-0				0.05	0 - 0.1		
└8	Sulphur	7704-34-9				0.05	0 - 0.1		
└8	Silver	7440-22-4				99.9		D / P	
└7	Sn 99.99		11895828 / 2		0.00011			4.2	Recyclate No
└8	Aluminium (metal)	7429-90-5				0.000282	0 - 0.0005		
└8	Arsenic	7440-38-2				0.000282	0 - 0.0005	D	
└8	Bismuth	7440-69-9				0.000056	0 - 0.0001		
└8	Cadmium	7440-43-9				0.000282	0 - 0.0005	D / P / SVHC	Concentration within acceptable GADSL limits [47]
└8	Copper	7440-50-8				0.000282	0 - 0.0005	D / P	

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Iron	 7439-89-6				0.000056	0 - 0.0001		
└8	 Lead	 7439-92-1				0.00226	0 - 0.004	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Antimony	 7440-36-0				0.000565	0 - 0.001		
└8	 Tin	 7440-31-5				99.99565	99.99 - 100		
└8	 Zinc (metal)	 7440-66-6				0.000282	0 - 0.0005		
└7	 Si99,6				0.00003			 4.2	 Recyclate No
└8	 Silicon	 7440-21-3				99.6			
└8	 Quartz (SiO2)	 14808-60-7				0.4		 D	
└7	 Electroless Au (electroless deposited gold layer)		10648379 / 1		0.000004			 4.2	 Recyclate No
└8	 Carbon	 7440-44-0				0.005	0 - 0.01		
└8	 Nitrogen	 7727-37-9				0.05	0 - 0.1		
└8	 Gold	 7440-57-5				99.945			
└7	 Gold (99.99)		470529825 / 2		0.00002			 4.2	 Recyclate No
└8	 Gold	 7440-57-5				99.993226	99.99 - 100		
└8	 Copper	 7440-50-8				0.002903	0 - 0.009	 D / P	
└8	 Silver	 7440-22-4				0.002903	0 - 0.009	 D / P	
└8	 Misc., not to declare	 system				0.000968	0 - 0.003		
└5	 Linear Resistor	 AA-A218-2540-0-00		3	0.000699				
└6	 Fixed thick film chip resistor	 AAA2182540000	1007255277 / 1	1	0.000699				 Not Applicable

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 CERAMICS	 -			0.000511			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				100			
└7	 Silver/Glass containimg Lead 1	 -			0.000004			 8.1	 Recyclate not yet answered
└8	 Silver	 7440-22-4				80		 D / P	
└8	 Lead	 7439-92-1				2.9706		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Dibismuth-trioxide	 1304-76-3				4			
└8	 Dicopper oxide	 1317-39-1				2.4		 D / P	
└8	 Glass without declarable substances	 -				10.6294			
└7	 Silver/Glass containimg Lead 2	 -			0.000015			 8.1	 Recyclate not yet answered
└8	 Silver	 7440-22-4				94.109		 D / P	

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└8	 Lead	 7439-92-1				0.3231		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Glass without declarable substances	 -				5.5679			
└7	 GLASS 1	 -			0.000007			 7.2	 Recyclate No
└8	 Ruthenium(IV)oxide	 12036-10-1				24.15		 D	
└8	 Lead	 7439-92-1				33.5122		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Glass without declarable substances	 -				42.3378			
└7	 GLASS 2	 -			0.00001			 7.2	 Recyclate No
└8	 Chromium(III)oxide	 1308-38-9				2.24			
└8	 Lead	 7439-92-1				55.374		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Glass without declarable substances	 -				42.386			
└7	 EP-QD33	 -			0.000009			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Epoxy resin	 -				40			
└8	 Silicon dioxide	 7631-86-9				32.52			
└8	 Titanium-dioxide	 13463-67-7				2.93			
└8	 Talc	 14807-96-6				6.67		 D	
└8	 Manganese dioxide	 1313-13-9				1.57			

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└8	 Chromium(III)oxide	 1308-38-9				3.89			
└8	 Copper chromite black spinel	 68186-91-4				5.75			
└8	 Misc., not to declare	 system				6.67			
└7	 Silver/Epoxy resin 5	 -			0.000077			 8.1	 Recyclate not yet answered
└8	 Silver	 7440-22-4				81.25		 D / P	
└8	 Epoxy resin	 -				18.75			
└7	 Ep-Ni		73281475 / 2		0.000036			 3.4	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ep-Sn		73281477 / 2		0.00003			 4.2	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C021-0260-0-00		5	0.00451				
└6	 Capacitor ceramic SMD 6 NPO-BME	 A2C02102600	672326210 / 1	1	0.00451				
└7	 Ceramic				0.00361			 7.2	 Recyclate No
└8	 Strontium-oxide	 1314-11-0				41.08		 D	
└8	 Calcium-oxide	 1305-78-8				14.34			
└8	 Zirconium-dioxide	 1314-23-4				42.95			

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└8	Misc., not to declare	system				1.63			
└7	Ni99		39485450 / 3		0.00041			3.4	Recyclate No
└8	Nickel	7440-02-0				99.490249	99.2 - 100	D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	Copper	7440-50-8				0.036281	0 - 0.1	D / P	
└8	Manganese	7439-96-5				0.108844	0 - 0.3		
└8	Iron	7439-89-6				0.145125	0 - 0.4		
└8	Carbon	7440-44-0				0.090703	0 - 0.25		
└8	Silicon	7440-21-3				0.072562	0 - 0.2		
└8	Sulphur	7704-34-9				0.001814	0 - 0.005		
└8	Magnesium (metal)	7439-95-4				0.054422	0 - 0.15	D	
└7	Cu99		39346562 / 4		0.00028			3.1	Recyclate No
└8	Copper	7440-50-8				99.990909	99.9 - 100	D / P	
└8	Misc., not to declare	system				0.009091	0 - 0.01		
└7	Nickel Alloy (ACI CZ-100)		11859261 / 5		0.00008			3.4	Recyclate No
└8	Carbon	7440-44-0				0.5	0 - 1		
└8	Copper	7440-50-8				0.625	0 - 1.25	D / P	
└8	Iron	7439-89-6				1.5	0 - 3		
└8	Manganese	7439-96-5				0.75	0 - 1.5		

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└8	 Nickel	 7440-02-0				95.595		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Phosphorus	 7723-14-0				0.015	0 - 0.03		
└8	 Sulphur	 7704-34-9				0.015	0 - 0.03		
└8	 Silicon	 7440-21-3				1	0 - 2		
└7	 Sn 99.99		11895828 / 2		0.00012			 4.2	 Recyclate No
└8	 Aluminium (metal)	 7429-90-5				0.000282	0 - 0.0005		
└8	 Arsenic	 7440-38-2				0.000282	0 - 0.0005	 D	
└8	 Bismuth	 7440-69-9				0.000056	0 - 0.0001		
└8	 Cadmium	 7440-43-9				0.000282	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└8	 Copper	 7440-50-8				0.000282	0 - 0.0005	 D / P	
└8	 Iron	 7439-89-6				0.000056	0 - 0.0001		
└8	 Lead	 7439-92-1				0.00226	0 - 0.004	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Antimony	 7440-36-0				0.000565	0 - 0.001		
└8	 Tin	 7440-31-5				99.99565	99.99 - 100		
└8	 Zinc (metal)	 7440-66-6				0.000282	0 - 0.0005		
└5	 Diode	 A2-C021-5810-0-00		1	0.007679				
└6	 Diode	 A2C0215810000	905957790 / 4	1	0.007679				

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└7	 Die			1	0.00006				
└8	 Sieg (Silicon electronic grade, e.g. for Wafer)		127807180 / 3		0.00006			 4.2	 Recyclate No
└9	 Silicon	 7440-21-3				99.99995	99.9999 - 100		
└9	 Misc., not to declare	 system				0.00005			
└7	 Lead Frame			1	0.002549				
└8	 Iron Nickel Alloy 42		76232632 / 4		0.00219367			 1.1.2	 Recyclate No
└9	 Aluminium (metal)	 7429-90-5				0.05	0 - 0.1		
└9	 Carbon	 7440-44-0				0.025	0 - 0.05		
└9	 Chromium	 7440-47-3				0.125	0 - 0.25		
└9	 Manganese	 7439-96-5				0.4	0 - 0.8		
└9	 Nickel	 7440-02-0				41		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Phosphorus	 7723-14-0				0.0125	0 - 0.025		
└9	 Sulphur	 7704-34-9				0.0125	0 - 0.025		
└9	 Silicon	 7440-21-3				0.15	0 - 0.3		
└9	 Iron	 7439-89-6				58.225			
└8	 e-plate Cu (electrodeposited Copper Coatings)		736943 / 6		0.00028982			 3.1	 Recyclate No
└9	 Copper	 7440-50-8				99.95		 D / P	

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└9	 Misc., not to declare	 system				0.05	0 - 0.1		
└8	 e-plate Ag (electrodeposited Silver Coatings)		757767 / 4		0.00006551			 4.2	 Recyclate No
└9	 Silver	 7440-22-4				99.9		 D / P	
└9	 Misc., not to declare	 system				0.1	0 - 0.2		
└7	 Mould Compound			1	0.00488				 Not Applicable
└8	 EP-QD72				0.00488			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				15			
└9	 Silicon dioxide	 7631-86-9				72			
└9	 Triphenylphosphine	 603-35-0				0.05			
└9	 Carbon black	 1333-86-4				0.05			
└9	 Phenol, polymer with formaldehyde	 9003-35-4				10			
└9	 Further Additives, not to declare	 system				2.9			
└7	 Post-Plating			1	0.000185				
└8	 e-plate Sn (electrodeposited Tin Coatings, bright and matt)		756885 / 7		0.000185			 4.2	 Recyclate No
└9	 Lead	 7439-92-1				0.05	0 - 0.1	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Tin	 7440-31-5				99.45			

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└9	 Misc., not to declare	 system				0.5	0 - 1		
└7	 Wire			1	0.000005				
└8	 OFE (Oxygen-Free Electronic Copper)		11832904 / 7		0.00000466			 3.1	 Recyclate No
└9	 Silver	 7440-22-4				0.001299	0 - 0.0025	 D / P	
└9	 Arsenic	 7440-38-2				0.00026	0 - 0.0005	 D	
└9	 Bismuth	 7440-69-9				0.000052	0 - 0.0001		
└9	 Cadmium	 7440-43-9				0.000052	0 - 0.0001	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Copper	 7440-50-8				99.995195	99.99 - 100	 D / P	
└9	 Iron	 7439-89-6				0.000519	0 - 0.001		
└9	 Manganese	 7439-96-5				0.000026	0 - 0.00005		
└9	 Nickel	 7440-02-0				0.000519	0 - 0.001	 D	 Not applicable [34]
└9	 Oxygen	 7782-44-7				0.00026	0 - 0.0005		
└9	 Phosphorus	 7723-14-0				0.000156	0 - 0.0003		
└9	 Lead	 7439-92-1				0.00026	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Sulphur	 7704-34-9				0.000779	0 - 0.0015		
└9	 Antimony	 7440-36-0				0.000208	0 - 0.0004		
└9	 Selenium	 7782-49-2				0.000156	0 - 0.0003	 D	
└9	 Tin	 7440-31-5				0.000104	0 - 0.0002		

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└9	Tellurium	13494-80-9				0.000104	0 - 0.0002		
└9	Zinc (metal)	7440-66-6				0.000052	0 - 0.0001		
└5	Voltage Regulator IC	AA-A931-8010-0-00		1	0.097535				
└6	IC	AAA9318010000	1217473002 / 1	1	0.097535				Not Applicable
└7	EP-QD90				0.05593209			5.4.3	Recyclate No Content of bio-based material No
└8	Silica, vitreous	60676-86-0				89.7			
└8	Oxirane, 2,2'-[(3,3',5,5'-tetramethyl[1,1'-biphenyl]-4,4'-diyl)bis(oxymethylene)]bis- (9CI)	85954-11-6				10.1			
└8	Carbon black	1333-86-4				0.2			
└7	C1940		73651787 / 2		0.036911			3.2	Recyclate No
└8	Copper	7440-50-8				97.3275		D / P	
└8	Lead	7439-92-1				0.015	0 - 0.03	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└8	Iron	7439-89-6				2.35	2.1 - 2.6		
└8	Zinc (metal)	7440-66-6				0.125	0.05 - 0.2		
└8	Phosphorus	7723-14-0				0.0825	0.015 - 0.15		
└8	Misc., not to declare	system				0.1	0 - 0.2		
└7	Sieg (Silicon electronic grade, e.g. for Wafer)		127807180 / 3		0.00328818			4.2	Recyclate No
└8	Silicon	7440-21-3				99.99995	99.9999 - 100		

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└8	 Misc., not to declare	 system				0.00005			
└7	 Die Attach Adhesive (Ag)				0.00062996			 6.2	 Recyclate not yet answered Content of bio-based material No
└8	 Silver	 7440-22-4				82.00001		 D / P	
└8	 Oxirane, 2,2'-[(3,3',5,5'-tetramethyl[1,1'-biphenyl]-4,4'-diyl)bis(oxymethylene)]bis- (9CI)	 85954-11-6				17.99999			
└7	 Ep-Ni				0.0005			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				97.3		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Gold	 7440-57-5				0.3			
└8	 Palladium	 7440-05-3				2.1		 D	
└8	 Silver	 7440-22-4				0.3		 D / P	
└7	 Gold (99.99)		470529825 / 2		0.00027359			 4.2	 Recyclate No
└8	 Gold	 7440-57-5				99.993226	99.99 - 100		
└8	 Copper	 7440-50-8				0.002903	0 - 0.009	 D / P	
└8	 Silver	 7440-22-4				0.002903	0 - 0.009	 D / P	
└8	 Misc., not to declare	 system				0.000968	0 - 0.003		
└5	 Capacitor	 A2-C009-4780-0-00		1	0.0055				
└6	 Multilayer Ceramic Chip Capacitor	 A2C00947800	929060150 / 1	1	0.0055				

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 Dielectric			1	0.00435				
└8	 Dielectric Ceramics				0.00435			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00015				
└8	 Nickel composite materials				0.00015			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00086				
└8	 Copper composite materials				0.00086			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00007				
└8	 Ep-Ni		73281475 / 2		0.00007			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00007				
└8	 Ep-Sn		73281477 / 2		0.00007			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Coil	 AA-A906-4370-0-00		1	0.23				
└6	 Inductor	 AAA90643700	1042340078 / 3	1	0.23				 Not Applicable
└7	 Ferrite				0.17			 7.2	 Recyclate No
└8	 Iron nickel zinc oxide	 12645-50-0				99.5		 D	
└8	 Misc., not to declare	 system				0.5			
└7	 C1100		11834305 / 3		0.053747			 3.1	 Recyclate No
└8	 Copper	 7440-50-8				99.95	99.9 - 100	 D / P	
└8	 Misc., not to declare	 system				0.05			
└7	 PAI	 G01188001 etc			0.001301			 5.1.b	 Recyclate No Content of bio-based material No
└8	 PAI	 -				99.5			
└8	 Misc., not to declare	 system				0.5			
└7	 PA				0.001068			 5.1.b	 Recyclate No Content of bio-based material No

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└8	Polyamide	63428-83-1				99.5			
└8	Misc., not to declare	system				0.5			
└7	Ep-Ni		73281475 / 2		0.000255			3.4	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ep-Sn		73281477 / 2		0.000829			4.2	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Tin	7440-31-5				99.75			
└7	Adhesive				0.0022			6.2	Recyclate not yet answered Content of bio-based material No
└8	Epoxy resin	-				31.5			
└8	Silica, vitreous	60676-86-0				67.5			
└8	Carbon black	1333-86-4				1			
└7	Adhesive EP				0.0006			6.2	Recyclate not yet answered Content of bio-based material No
└8	Epoxy resin	-				60			
└8	Barium sulphate	7727-43-7				35			
└8	Misc., not to declare	system				5			
└5	Diode	A2-C000-3226-7-00		1	0.32642				

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└6	 DPAK SCHOTTKY	 A2C00032267	850118477 / 2	1	0.32642				
└7	 Copper Alloy dpak	 Not applicable			0.20993			 3.2	 Recyclate No
└8	 Copper	 7440-50-8				99.81		 D / P	
└8	 Iron	 7439-89-6				0.1			
└8	 Phosphorus	 7723-14-0				0.03			
└8	 Nickel	 7440-02-0				0.06		 D	 Not applicable [34]
└7	 Al 99,5 Aluminium Wire		11859675 / 2		0.00072			 2.1.2	 Recyclate No
└8	 Aluminium (metal)	 7429-90-5				99.75	99.5 - 100		
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└7	 S-Pb93Sn5Ag2		1443140 / 4		0.00256			 4.2	 Recyclate No
└8	 Tin	 7440-31-5				5	4.8 - 5.2		
└8	 Lead	 7439-92-1				93.203		 D / P / SVHC	 8(e) - Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead) [57]
└8	 Antimony	 7440-36-0				0.1	0 - 0.2		
└8	 Bismuth	 7440-69-9				0.05	0 - 0.1		
└8	 Cadmium	 7440-43-9				0.001	0 - 0.002	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└8	 Copper	 7440-50-8				0.04	0 - 0.08	 D / P	
└8	 Indium	 7440-74-6				0.05	0 - 0.1		

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Silver	7440-22-4				1.5	1.2 - 1.8	D / P	
└8	Aluminium (metal)	7429-90-5				0.0005	0 - 0.001		
└8	Arsenic	7440-38-2				0.015	0 - 0.03	D	
└8	Iron	7439-89-6				0.01	0 - 0.02		
└8	Zinc (metal)	7440-66-6				0.0005	0 - 0.001		
└8	Gold	7440-57-5				0.025	0 - 0.05		
└8	Nickel	7440-02-0				0.005	0 - 0.01	D	Not applicable [34]
└7	S-Sn99.3Cu0.7		1442973 / 5		0.02106			4.2	Recyclate No
└8	Tin	7440-31-5				99.008			
└8	Lead	7439-92-1				0.035	0 - 0.07	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└8	Antimony	7440-36-0				0.05	0 - 0.1		
└8	Bismuth	7440-69-9				0.05	0 - 0.1		
└8	Cadmium	7440-43-9				0.001	0 - 0.002	D / P / SVHC	Concentration within acceptable GADSL limits [47]
└8	Copper	7440-50-8				0.7	0.5 - 0.9	D / P	
└8	Indium	7440-74-6				0.05	0 - 0.1		
└8	Silver	7440-22-4				0.05	0 - 0.1	D / P	
└8	Aluminium (metal)	7429-90-5				0.0005	0 - 0.001		
└8	Arsenic	7440-38-2				0.015	0 - 0.03	D	
└8	Iron	7439-89-6				0.01	0 - 0.02		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	└ Zinc (metal)	└ 7440-66-6				0.0005	0 - 0.001		
└8	└ Gold	└ 7440-57-5				0.025	0 - 0.05		
└8	└ Nickel	└ 7440-02-0				0.005	0 - 0.01	└ D	└ Not applicable [34]
└7	└ Sieg (Silicon electronic grade, e.g. for Wafer)		127807180 / 3		0.00726			└ 4.2	└ Recyclate No
└8	└ Silicon	└ 7440-21-3				99.99995	99.9999 - 100		
└8	└ Misc., not to declare	└ system				0.00005			
└7	└ EP Silica filled	└ not applicable			0.08489			└ 8.1	└ Recyclate not yet answered
└8	└ Carbon black	└ 1333-86-4				0.2			
└8	└ Silica, vitreous	└ 60676-86-0				79.8			
└8	└ Misc., not to declare	└ system				0.01			
└8	└ Quartz (SiO2)	└ 14808-60-7				4.2		└ D	
└8	└ Antimonytrioxide	└ 1309-64-4				2		└ D	
└8	└ Formaldehyde, polymer with bromophenol and (chloromethyl)oxirane	└ 68541-56-0				2			
└8	└ Epoxy resin	└ -				11.79			
└5	└ Resistor	└ A2-C000-0454-1-00		3	0.002				
└6	└ Chip Resistors	└ A2C0000454100	1145579542 / 1	1	0.002				└ Not Applicable
└7	└ Ceramics	└ Al2O3			0.00181942			└ 7.2	└ Recyclate No
└8	└ Aluminium oxide	└ 1344-28-1				96.8			

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└8	 Quartz (SiO ₂)	 14808-60-7				2.2		 D	
└8	 Magnesium-oxide	 1309-48-4				1		 D	
└7	 Ag/Ni	 SR4382-M			0.00001261			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				87.5		 D / P	
└8	 Nickel	 7440-02-0				12.5		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week) [33]
└7	 Ag/Pd/SiO ₂	 2101P-01			0.00001799			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				80.45		 D / P	
└8	 Palladium	 7440-05-3				2.3		 D	
└8	 Aluminium oxide	 1344-28-1				3.45			
└8	 Silicon dioxide	 7631-86-9				4.6			
└8	 Copper-oxide	 1317-38-0				2.3		 D	
└8	 Trimanganese tetraoxide	 1317-35-7				1.15			
└8	 Calcium-oxide	 1305-78-8				2.3			
└8	 Carbon black	 1333-86-4				3.45			
└7	 Ni/Cr	 Ni/Cr Alloy			0.0000006			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				80		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week) [33]
└8	 Chromium	 7440-47-3				20			

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└7	 Ag/Pd/RuO2/PbO/SiO2	 R-UL UA SF series			0.00001559			 7.2	 Recyclate No
└8	 Silver	 7440-22-4				25.44		 D / P	
└8	 Palladium	 7440-05-3				10.9		 D	
└8	 Ruthenium(IV)oxide	 12036-10-1				12.24		 D	
└8	 Lead-monoxide	 1317-36-8				19.37		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Aluminium oxide	 1344-28-1				3.23			
└8	 Silicon dioxide	 7631-86-9				20.25			
└8	 Zinc oxide	 1314-13-2				2.11		 D / P	
└8	 Copper-oxide	 1317-38-0				0.97		 D	
└8	 Trimanganese tetraoxide	 1317-35-7				1.61			
└8	 Ditantalum-pentaoxide	 1314-61-0				2.91			
└8	 Titanium-dioxide	 13463-67-7				0.97			

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└7	 Coating (ceramics, glass)	 GLP40336			0.00002739			 7.2	 Recyclate No
└8	 Aluminium oxide	 1344-28-1				12.82			
└8	 Silicon dioxide	 7631-86-9				25.64			
└8	 Zinc oxide	 1314-13-2				3.85		 D / P	
└8	 Dibismuth-trioxide	 1304-76-3				51.28			
└8	 Zirconium-dioxide	 1314-23-4				5.13			
└8	 29H,31H-Phthalocyaninato(2-)-N29,N30,N31,N32 copper	 147-14-8				1.28			
└7	 EP	 5499A			0.0000304			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Aluminium-silicate	 12141-46-7				53.85			
└8	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				38.46			
└8	 Carbon black	 1333-86-4				7.69			
└7	 EP	 S-411W/HD-C			0.0000016			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				40			
└8	 Titanium-dioxide	 13463-67-7				40			
└8	 Talc	 14807-96-6				20		 D	
└7	 Ep-Ni		73281475 / 2		0.0000364			 3.4	 Recyclate No

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└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ep-Sn		73281477 / 2		0.000038			 4.2	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Tin	 7440-31-5				99.75			
└5	 Filter	 A2-C020-9630-0-00		6	0.004				
└6	 Multilayer Ferrite Beads	 A2C02096300	921842317 / 1	1	0.004				
└7	 Ferrite Body				0.0034			 7.2	 Recyclate No
└8	 Iron nickel zinc oxide	 12645-50-0				99		 D	
└8	 Misc., not to declare	 system				1			
└7	 Refined Silver (99.99)		11832001 / 4		0.00012			 4.2	 Recyclate not yet answered
└8	 Silver	 7440-22-4				99.994082	99.99 - 100	 D / P	
└8	 Bismuth	 7440-69-9				0.000204	0 - 0.0005		
└8	 Copper	 7440-50-8				0.004082	0 - 0.01	 D / P	
└8	 Iron	 7439-89-6				0.000408	0 - 0.001		
└8	 Lead	 7439-92-1				0.000408	0 - 0.001	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Palladium	 7440-05-3				0.000408	0 - 0.001	 D	
└8	 Selenium	 7782-49-2				0.000204	0 - 0.0005	 D	

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└8	 Tellurium	 13494-80-9				0.000204	0 - 0.0005		
└7	 Silver-Oxide compound	 G01871600			0.00018			 7.3	 Recyclate not yet answered
└8	 Silver	 7440-22-4				88		 D / P	
└8	 Copper-oxide	 1317-38-0				2.7		 D	
└8	 Silica, vitreous	 60676-86-0				4			
└8	 Misc., not to declare	 system				5.3			
└7	 Ep-Ni		73281475 / 2		0.00008			 3.4	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electrolytic Tin Plating	 Ep-Sn			0.00022			 4.2	 Recyclate No
└8	 Tin	 7440-31-5				99.993			
└8	 Inorganic Ingredient, not to declare	 system				0.007			
└5	 Inductor	 A2-C012-8750-0-00		1	0.076				
└6	 Common-mode Filter	 A2C0128750000	1314489142 / 1	1	0.076				
└7	 Ferrite	 Ni-Zn Ferrite			0.064			 7.2	 Recyclate No
└8	 Iron nickel zinc oxide	 12645-50-0				99.5		 D	
└8	 Misc., not to declare	 system				0.5			
└7	 C1100		11834305 / 3		0.00651			 3.1	 Recyclate No

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└8	Copper	7440-50-8				99.95	99.9 - 100	D / P	
└8	Misc., not to declare	system				0.05			
└7	Lacquer PAI	G01188001 etc			0.00049			6.1	Recyclate No Content of bio-based material No
└8	PAI	-				99.5			
└8	Misc., not to declare	system				0.5			
└7	C5210 (Phosphor bronze for springs)		14678883 / 3		0.0046			3.2	Recyclate No
└8	Copper	7440-50-8				91.4		D / P	
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Lead	7439-92-1				0.01	0 - 0.02	D / P / SVHC	Concentration within acceptable GADSL limits [44]
└8	Iron	7439-89-6				0.05	0 - 0.1		
└8	Tin	7440-31-5				8	7 - 9		
└8	Zinc (metal)	7440-66-6				0.1	0 - 0.2		
└8	Phosphorus	7723-14-0				0.19	0.03 - 0.35		
└7	Ep-Ni		73281475 / 2		0.000037			3.4	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ep-Sn		73281477 / 2		0.000163			4.2	Recyclate No

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└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Tin	7440-31-5				99.75			
└7	Adhesive EP	G03117000			0.0001			6.2	Recyclate No Content of bio-based material No
└8	Epoxy resin	-				60			
└8	Barium sulphate	7727-43-7				35			
└8	Carbon black	1333-86-4				0.12			
└8	Misc., not to declare	system				4.88			
└7	Adhesive EP	G03094900			0.0001			6.2	Recyclate No Content of bio-based material No
└8	Epoxy resin	-				60			
└8	Barium sulphate	7727-43-7				35			
└8	Carbon black	1333-86-4				1			
└8	Misc., not to declare	system				4			
└5	Signal Conditioning IC	A2-C011-2180-0-00		1	0.20283				
└6	AT1C143/NOx SENSOR INTERFACE/-,SSOP24	A2C01121800	597197118 / 3	1	0.20283				Not Applicable
└7	Silica82.50-EpoxyResin15.00- O.C.NovolacResin2.00-C0.50				0.11782			5.4.3	Recyclate No Content of bio-based material No
└8	Silica, vitreous	60676-86-0				82.5			
└8	Formaldehyde, polymer with (chloromethyl)oxirane and 2- methylphenol	29690-82-2				2			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Epoxy resin	 -				15			
└8	 Carbon black	 1333-86-4				0.5			
└7	 Copper97.50-Fe2.3-Zn0.1-P0.10				0.05861			 3.2	 Recyclate No
└8	 Copper	 7440-50-8				97.5		 D / P	
└8	 Iron	 7439-89-6				2.3			
└8	 Zinc (metal)	 7440-66-6				0.1			
└8	 Phosphorus	 7723-14-0				0.1			
└7	 Silver78.00_F.Polymer5.00_Epoxy5.0 0-Misc. Die Att.Adhesive				0.00509			 6.2	 Recyclate not yet answered Content of bio-based material No
└8	 Silver	 7440-22-4				78		 D / P	
└8	 Epoxy resin	 -				5			
└8	 Formaldehyde, oligomeric reaction products with 1-chloro-2,3- epoxypropane and phenol	 9003-36-5				5			
└8	 Copper-oxide	 1317-38-0				3		 D	
└8	 Fatty acids, C18-unsatd., dimers, polymers with epichlorohydrin	 68475-94-5				3.5			
└8	 Poly(oxy(methyl-1,2-ethanediyl)), alpha-(2-aminomethylethyl)-omega- (...	 9046-10-0				2		 D	
└8	 Misc., not to declare	 system				3.5			
└7	 Tin99.99-Misc.0.01				0.00248			 4.2	 Recyclate No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Tin	 7440-31-5				99.99			
└8	 Misc., not to declare	 system				0.01			
└7	 Silicon99.60-Al0.30-Ti0.10				0.01838			 4.2	 Recyclate No
└8	 Silicon	 7440-21-3				99.45	99.3 - 99.6		
└8	 Aluminium (metal)	 7429-90-5				0.4	0.3 - 0.5		
└8	 Titanium	 7440-32-6				0.15	0.1 - 0.2		
└7	 Gold99.99-Misc.				0.00045			 4.2	 Recyclate No
└8	 Gold	 7440-57-5				99.99			
└8	 Misc., not to declare	 system				0.01			
└5	 Resistor	 A2-C033-6060-0-00		5	0.004457				
└6	 Resistor_CRCW08058R20JNEAHP	 A2C03360600	832740048 / 1	1	0.004457				 Not Applicable
└7	 Ceramic substrate				0.003788				
└8	 Ceramic					100		 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				100			
└7	 Silver layer				0.000014				
└8	 Ag99.85Ni0.15 (Fine Silver)		288788288 / 1			100		 4.2	 Recyclate No
└9	 Silver	 7440-22-4				99.85		 D / P	
└9	 Nickel	 7440-02-0				0.15	0.1 - 0.2	 D	 Not applicable [34]
└7	 PbSiO352Pd45RuO23				0.000029				

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 PbSiO352Pd45RuO23					100		 7.2	 Recyclate No
└9	 Ruthenium(IV)oxide	 12036-10-1				3		 D	
└9	 Palladium	 7440-05-3				45		 D	
└9	 Lead(2+) silicate	 10099-76-0				52		 D / P	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 Silver electrical contact alloy				0.000214				
└8	 Silver electrical contact alloy					100		 4.2	 Recyclate No
└9	 Silver	 7440-22-4				99.9985		 D / P	
└9	 Copper	 7440-50-8				0.0009		 D / P	
└9	 Chromium	 7440-47-3				0.0006			
└7	 Glass electrical contact				0.000006				
└8	 Glass electrical contact					100		 7.2	 Recyclate No

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└9	 Lead(2+) silicate	 10099-76-0				99.9		 D / P	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Misc., not to declare	 system				0.1			
└7	 Nickel plating				0.000084				
└8	 Ni99		39485450 / 3			100		 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				99.490249	99.2 - 100	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Copper	 7440-50-8				0.036281	0 - 0.1	 D / P	
└9	 Manganese	 7439-96-5				0.108844	0 - 0.3		
└9	 Iron	 7439-89-6				0.145125	0 - 0.4		
└9	 Carbon	 7440-44-0				0.090703	0 - 0.25		
└9	 Silicon	 7440-21-3				0.072562	0 - 0.2		
└9	 Sulphur	 7704-34-9				0.001814	0 - 0.005		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Magnesium (metal)	 7439-95-4				0.054422	0 - 0.15	 D	
└7	 Sn99.9				0.000156				
└8	 Sn99		39346158 / 4			100		 4.2	 Recyclate No
└9	 Tin	 7440-31-5				99.964045	99.95 - 100		
└9	 Antimony	 7440-36-0				0.005618	0 - 0.02		
└9	 Silver	 7440-22-4				0.002809	0 - 0.01	 D / P	
└9	 Bismuth	 7440-69-9				0.000562	0 - 0.002		
└9	 Copper	 7440-50-8				0.002809	0 - 0.01	 D / P	
└9	 Iron	 7439-89-6				0.002809	0 - 0.01		
└9	 Lead	 7439-92-1				0.005618	0 - 0.02	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Aluminium (metal)	 7429-90-5				0.000562	0 - 0.002		
└9	 Cadmium	 7440-43-9				0.000562	0 - 0.002	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Zinc (metal)	 7440-66-6				0.000562	0 - 0.002		
└9	 Misc., not to declare	 system				0.014045	0 - 0.05		
└7	 Glass enamel				0.000052				
└8	 Glass enamel					100		 7.2	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead(2+) silicate	 10099-76-0				97.91		 D / P	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Chromium(III)oxide	 1308-38-9				2.09			
└7	 EP-QD 80				0.000114				
└8	 EP-QD 85					100		 5.4.3	 Recyclate No Content of bio-based material No
└9	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				16			
└9	 Silicon dioxide	 7631-86-9				84			
└5	 Transistor	 A2-C026-3320-0-00		1	0.08562				
└6	 P channel TrenchMOS Logic level, 80V, 30.0A, 32 mOhm,SQJ479EP-T2_GE3	 A2C02633200	639531639 / 1	1	0.08562				
└7	 Lead Frame			1	0.03767				
└8	 Cu99		39346562 / 4		0.03767			 3.1	 Recyclate No

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└9	 Copper	 7440-50-8				99.990909	99.9 - 100	 D / P	
└9	 Misc., not to declare	 system				0.009091	0 - 0.01		
└7	 Die Attach Adhesive			1	0.0002				
└8	 Silver Epoxy				0.0002			 8.1	 Recyclate not yet answered
└9	 Silver	 7440-22-4				80		 D / P	
└9	 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	 25068-38-6				20			
└7	 Mold Compound			1	0.03445				
└8	 Resin-Silica compound				0.03445			 8.1	 Recyclate not yet answered
└9	 Silica, vitreous	 60676-86-0				84.93			
└9	 Phenol, polymer with formaldehyde	 9003-35-4				3.01			
└9	 Aluminium hydroxide	 21645-51-2				7.02			
└9	 Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	 29690-82-2				5.04			
└7	 Solder Plating			1	0.0063				
└8	 Sn 99,99		10877536 / 2		0.0063			 4.2	 Recyclate No
└9	 Tin	 7440-31-5				99.99361	99.99 - 100		
└9	 Aluminium (metal)	 7429-90-5				0.000181	0 - 0.0005		
└9	 Arsenic	 7440-38-2				0.000181	0 - 0.0005	 D	

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└9	 Bismuth	 7440-69-9				0.000036	0 - 0.0001		
└9	 Cadmium	 7440-43-9				0.000181	0 - 0.0005	 D / P / SVHC	 Concentration within acceptable GADSL limits [47]
└9	 Copper	 7440-50-8				0.000181	0 - 0.0005	 D / P	
└9	 Iron	 7439-89-6				0.000036	0 - 0.0001		
└9	 Lead	 7439-92-1				0.001444	0 - 0.004	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└9	 Antimony	 7440-36-0				0.000361	0 - 0.001		
└9	 Zinc (metal)	 7440-66-6				0.000181	0 - 0.0005		
└9	 Misc., not to declare	 system				0.00361	0 - 0.01		
└7	 Semiconductor Device-Silicon			1	0.00588				
└8	 Sieg (Silicon electronic grade, e.g. for Wafer)		127807180 / 3		0.00588			 4.2	 Recyclate No
└9	 Silicon	 7440-21-3				99.99995	99.9999 - 100		
└9	 Misc., not to declare	 system				0.00005			
└7	 Semiconductor device-Plating			1	0.00012				
└8	 Al 99,7E		490130581 / 1		0.00012			 2.1.1	 Recyclate No
└9	 Silicon	 7440-21-3				0.032357	0 - 0.07		
└9	 Iron	 7439-89-6				0.09245	0 - 0.2		
└9	 Copper	 7440-50-8				0.004622	0 - 0.01	 D / P	
└9	 Manganese	 7439-96-5				0.002311	0 - 0.005		

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└9	 Magnesium (metal)	 7439-95-4				0.009245	0 - 0.02	 D	
└9	 Chromium	 7440-47-3				0.001849	0 - 0.004		
└9	 Zinc (metal)	 7440-66-6				0.01849	0 - 0.04		
└9	 Aluminium (metal)	 7429-90-5				99.838675	99.7 - 100		
└7	 Bond wire Source			1	0.00095				
└8	 Al99,5		39346454 / 3		0.00095			 2.1	 Recyclate No
└9	 Copper	 7440-50-8				0.013021	0 - 0.05	 D / P	
└9	 Iron	 7439-89-6				0.104167	0 - 0.4		
└9	 Zinc (metal)	 7440-66-6				0.018229	0 - 0.07		
└9	 Misc., not to declare	 system				0.130208	0 - 0.5		
└9	 Titanium	 7440-32-6				0.013021	0 - 0.05		
└9	 Aluminium (metal)	 7429-90-5				99.630208	99.5 - 100		
└9	 Silicon	 7440-21-3				0.078125	0 - 0.3		
└9	 Manganese	 7439-96-5				0.013021	0 - 0.05		
└7	 Bond wire Gate			1	0.00005				
└8	 Gold (99.99)		470529825 / 2		0.00005			 4.2	 Recyclate No
└9	 Gold	 7440-57-5				99.993226	99.99 - 100		
└9	 Copper	 7440-50-8				0.002903	0 - 0.009	 D / P	
└9	 Silver	 7440-22-4				0.002903	0 - 0.009	 D / P	

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└9	 Misc., not to declare	 system				0.000968	0 - 0.003		
└5	 Linear Resistor	 A2-C042-1970-0-00		2	0.0007				
└6	 KOA Resistor	 A2C04219700	886178815 / 3	1	0.0007				 Not Applicable
└7	 Ceramic				0.000581			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				99.8			
└8	 Misc., not to declare	 system				0.2			
└7	 Ag/Pd material				0.000018			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				93.9		 D / P	
└8	 Palladium	 7440-05-3				2.6		 D	
└8	 Phosphorus	 7723-14-0				0.0117			
└8	 Misc., not to declare	 system				3.4883			
└7	 Glass containing Lead				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				62.9			

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└8	 Lead	 7439-92-1				37.1		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 Ag material				0.000007			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				95.11		 D / P	
└8	 Copper-oxide	 1317-38-0				4.35		 D	
└8	 Titanium-dioxide	 13463-67-7				0.05			
└8	 Misc., not to declare	 system				0.49			
└7	 Glass containing Lead				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				53.57			

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└8	 Lead	 7439-92-1				46.43		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 NiCr				0.000001			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				50		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Chromium	 7440-47-3				49.99			
└8	 Lead	 7439-92-1				0.01		 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└7	 Glass containing Lead				0.000008			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				65.96			

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└8	 Lead	 7439-92-1				32.04		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Misc., not to declare	 system				2			
└7	 Glass containing Lead				0.000007			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				52.52			
└8	 Lead	 7439-92-1				45.5		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]

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Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Misc., not to declare	system				1.98			
└7	EP+MD53				0.00001			5.4.3	Recyclate No Content of bio-based material No
└8	Epoxy resin	-				46.5			
└8	Quartz (SiO2)	14808-60-7				28.6		D	
└8	Tricobalt-tetraoxide	1308-06-1				0.9		D	
└8	Chromium(III)oxide	1308-38-9				2.7			
└8	Magnesium-oxide	1309-48-4				7		D	
└8	Titanium-dioxide	13463-67-7				10.3			
└8	Aluminium oxide	1344-28-1				2			
└8	Dibismuth-trioxide	1304-76-3				1.7			
└8	Misc., not to declare	system				0.3			
└7	Ep-Ni		73281475 / 2		0.000035			3.4	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Ep-Sn		73281477 / 2		0.000031			4.2	Recyclate No
└8	Misc., not to declare	system				0.25	0 - 0.5		
└8	Tin	7440-31-5				99.75			

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└5	 Carrier for ENG solder paste M31-GRN360-K1MK-V4	 A2-C690-4420-0-00		1	0.225				
└6	 ENG solder paste M31-GRN360-K1MK-V4	 A2-C690-4420-0-00			0.225				
└7	 SOLDER PASTE	 A2C53422008	941099406 / 3			100		 4.2	 Recyclate not yet answered
└8	 Tin	 7440-31-5				88.355			
└8	 Silver	 7440-22-4				3.23		 D / P	
└8	 Copper	 7440-50-8				0.69		 D / P	
└8	 Lead	 7439-92-1				0.025	0 - 0.05	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Misc., not to declare	 system				7.7			
└5	 Crystal; Oscillator; Resonator	 A2-C021-7190-0-00		1	0.048089				
└6	 DSX530GK 8.000MHz	 A2C02171900	620553022 / 4	1	0.048089				
└7	 Crystal blank			1	0.00072				
└8	 Synthetic quartz crystal	 SiO2			0.00072			 7.2	 Recyclate No
└9	 Quartz (SiO2)	 14808-60-7				100		 D	
└7	 Base			1	0.028576				
└8	 Ceramics	 Alumina ceramics			0.026523			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				100			
└8	 Tungsten alloy	 Metalized			0.001672			 4.2	 Recyclate No
└9	 Tungsten	 7440-33-7				95.8			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Molybdenum	 7439-98-7				3.4			
└9	 Misc., not to declare	 system				0.8			
└8	 Ep-NiCo	 Ep-Ni70Co30			0.000303			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				70		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Cobalt	 7440-48-4				30		 D	
└8	 Ep-Au		73281478 / 3		0.000078			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Gold	 7440-57-5				99.75			
└7	 Lid			1	0.0187				
└8	 Ceramics	 Alumina ceramics			0.014			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				100			
└8	 Glass-Pb,PbTiO3	 Seal glass			0.0047			 7.2	 Recyclate No

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead-titanium-trioxide	 12060-00-3				45		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Lead	 7439-92-1				37.4		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Glass without declarable substances	 -				17.6			
└7	 Inside electrode			1	0.000013				
└8	 Class 1		11858238 / 1		0.000013			 4.2	 Recyclate No

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Silver	 7440-22-4				99.995882	99.99 - 100	 D / P	
└9	 Bismuth	 7440-69-9				0.000588	0 - 0.001		
└9	 Copper	 7440-50-8				0.001765	0 - 0.003	 D / P	
└9	 Iron	 7439-89-6				0.001176	0 - 0.002		
└9	 Lead	 7439-92-1				0.000588	0 - 0.001	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└7	 Conducting adhesive agent			1	0.00008				
└8	 Silver-resin Adhesive	 Silicone			0.00008			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				80.02		 D / P	
└9	 Silicone resin	 -				13.98			
└9	 Misc., not to declare	 system				6			
└5	 Linear Resistor	 A2-C042-2250-0-00		3	0.00214				
└6	 Resistor	 A2C04222500	886198845 / 3	1	0.00214				
└7	 Ceramic Substrate	 RK73B 1J T - Substate		1	0.00184				
└8	 Ceramic				0.0018395			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				99.8			
└9	 Misc., not to declare	 system				0.2			
└7	 Top Terminal	 RK73B 1J T - Inner Electrode Top		1	0.000049				

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL,  SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Glass				0.000049			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				3.13			
└9	 Lead	 7439-92-1				1.87		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Silver	 7440-22-4				91.5		 D / P	
└9	 Palladium	 7440-05-3				2.5		 D	
└9	 Phosphorus	 7723-14-0				0.01			
└9	 Misc., not to declare	 system				0.99			
└7	 Bottom Terminal	 RK73B 1J T - Inner Electrode Bottom		1	0.000035				
└8	 Glass				0.0000345			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				4.27			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				3.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				4		 D	
└9	 Titanium-dioxide	 13463-67-7				0.05			
└9	 Silver	 7440-22-4				87.5		 D / P	
└9	 Misc., not to declare	 system				0.45			
└7	 Side Terminal	 RK73B 1J T - Inner electrode Side		1	0.000001				
└8	 Chromium-Nickel Alloy (50Cr-50Ni)		100120611 / 5		0.0000008			 4.2	 Recyclate No
└9	 Aluminium (metal)	 7429-90-5				0.125	0 - 0.25		
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Chromium	 7440-47-3				50	48 - 52		
└9	 Iron	 7439-89-6				0.5	0 - 1		

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Manganese	 7439-96-5				0.15	0 - 0.3		
└9	 Nitrogen	 7727-37-9				0.15	0 - 0.3		
└9	 Nickel	 7440-02-0				48.255		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Phosphorus	 7723-14-0				0.01	0 - 0.02		
└9	 Sulphur	 7704-34-9				0.01	0 - 0.02		
└9	 Silicon	 7440-21-3				0.5	0 - 1		
└9	 Titanium	 7440-32-6				0.25	0 - 0.5		
└7	 Resistive Element	 RK73B 1J T - Resistive film		1	0.000016				
└8	 Glass				0.000016			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				31.8			

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└9	 Lead	 7439-92-1				32.2		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Ruthenium(IV)oxide	 12036-10-1				34		 D	
└9	 Phosphorus	 7723-14-0				0.04			
└9	 Misc., not to declare	 system				1.96			
└7	 Inner Protective Element	 RK73B 1J T - Inner Protective coat		1	0.000013				
└8	 Glass				0.0000128			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				52.27			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└9	 Lead	 7439-92-1				45.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				0.02		 D	
└9	 Misc., not to declare	 system				1.98			
└7	 Overcoat	 RK73B 1J T - Outer Protective Coat 2		1	0.000034				 Not Applicable
└8	 EP-(QD29+MD11)				0.000034			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				57.2			
└9	 Quartz (SiO2)	 14808-60-7				28.6		 D	
└9	 Copper-oxide	 1317-38-0				2.6		 D	
└9	 Chromium(III)oxide	 1308-38-9				5.8			
└9	 Manganese dioxide	 1313-13-9				2.4			
└9	 Dibismuth-trioxide	 1304-76-3				1.9			

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Misc., not to declare	system				1.5			
└7	Marking	RK73B 1J T - Marking		1	0.000008				Not Applicable
└8	EP-MD21				0.0000078			5.4.3	Recyclate No Content of bio-based material No
└9	Epoxy resin	-				77			
└9	Titanium-dioxide	13463-67-7				21			
└9	Phosphorus	7723-14-0				0.0204			
└9	Misc., not to declare	system				1.9796			
└7	Middle Terminal	RK73B 1J T - Ni plating		1	0.000078				
└8	Ep-Ni		73281475 / 2		0.0000779			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Outer Terminal	RK73B 1J T - Solder plating		1	0.000068				
└8	Ep-Sn		73281477 / 2		0.0000677			4.2	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Tin	7440-31-5				99.75			
└5	Resistor	A2-C000-6371-8-00		1	0.00214				
└6	KOA Resistor	A2C00063718	1016928540 / 2	1	0.00214				not yet answered

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 Ceramic				0.001839			 7.2	 Recyclate No
└8	 Ceramic without declarable substances	 -				99.8			
└8	 Misc., not to declare	 system				0.2			
└7	 Ag/Pd material				0.000022			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				96.32		 D / P	
└8	 Palladium	 7440-05-3				2.63		 D	
└8	 Phosphorus	 7723-14-0				0.01			
└8	 Misc., not to declare	 system				1.04			
└7	 Glass				0.000001			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				62.7			
└8	 Lead	 7439-92-1				37.3		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]

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└7	 Ag material				0.000032			 4.2	 Recyclate No
└8	 Silver	 7440-22-4				95.11		 D / P	
└8	 Copper-oxide	 1317-38-0				4.35		 D	
└8	 Titanium-dioxide	 13463-67-7				0.05			
└8	 Misc., not to declare	 system				0.49			
└7	 Glass				0.000003			 7.2	 Recyclate No
└8	 Glass without declarable substances	 -				53.3			
└8	 Lead	 7439-92-1				46.7		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└7	 NiCr				0.000001			 3.4	 Recyclate No
└8	 Nickel	 7440-02-0				50		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Chromium	 7440-47-3				49.99			

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Lead	7439-92-1				0.01		D / P / SVHC	Concentration within acceptable GADSL limits [44]
└7	Glass				0.00003			7.2	Recyclate No
└8	Glass without declarable substances	-				65.96			
└8	Lead	7439-92-1				32.04		D / P / SVHC	10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	Misc., not to declare	system				2			
└7	Glass				0.000019			7.2	Recyclate No
└8	Glass without declarable substances	-				52.5			

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└8	 Lead	 7439-92-1				45.5		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└8	 Misc., not to declare	 system				2			
└7	 EP+MD47				0.000047			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Epoxy resin	 -				53.2			
└8	 Quartz (SiO2)	 14808-60-7				28.6		 D	
└8	 Tricobalt-tetraoxide	 1308-06-1				2.431		 D	
└8	 Nickel-monoxide	 1313-99-1				4.862		 D	
└8	 Titanium-dioxide	 13463-67-7				6.72			
└8	 Zinc oxide	 1314-13-2				4		 D / P	
└8	 Misc., not to declare	 system				0.187			
└7	 Ep-Ni		73281475 / 2		0.000078			 3.4	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		

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└8	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Ep-Sn		73281477 / 2		0.000068			 4.2	 Recyclate No
└8	 Misc., not to declare	 system				0.25	0 - 0.5		
└8	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C013-2180-0-00		2	0.0059				
└6	 Multilayer Ceramic Chip Capacitor	 A2C01321800	924741110 / 1	1	0.0059				
└7	 Dielectric			1	0.00456				
└8	 Dielectric Ceramics				0.00456			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			
└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.00034				
└8	 Nickel composite materials				0.00034			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.00086				

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└8	 Copper composite materials				0.00086			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Electro-Under Plating			1	0.00007				
└8	 Ep-Ni		73281475 / 2		0.00007			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.00007				
└8	 Ep-Sn		73281477 / 2		0.00007			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Capacitor	 A2-C020-5600-0-00		3	0.1068				
└6	 Multilayer Ceramic Chip Capacitor	 A2C02056000	929697514 / 1	1	0.1068				
└7	 Dielectric			1	0.085354				
└8	 Dielectric Ceramics				0.085354			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				98.45			

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└9	 Misc., not to declare	 system				1.55	0.1 - 3		
└7	 Inner Electrode			1	0.015798				
└8	 Nickel composite materials				0.015798			 3.4	 Recyclate No
└9	 Nickel	 7440-02-0				95	93 - 97	 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode			1	0.002616				
└8	 Copper composite materials				0.002616			 3.2	 Recyclate No
└9	 Copper	 7440-50-8				95	93 - 97	 D / P	
└9	 Inorganic Ingredient, not to declare	 system				4.9			
└9	 Misc., not to declare	 system				0.1			
└7	 Terminal Electrode Soft			1	0.003002				
└8	 Silver conductive materials				0.003002			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				93	92 - 94	 D / P	
└9	 Epoxy resin	 -				6.5	5.5 - 7.5		
└9	 Misc., not to declare	 system				0.5			
└7	 Electro-Under Plating			1	0.000015				

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	   Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Ep-Ni		73281475 / 2		0.000015			 3.4	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Nickel	 7440-02-0				99.75		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	 Electro-Surface Plating			1	0.000015				
└8	 Ep-Sn		73281477 / 2		0.000015			 4.2	 Recyclate No
└9	 Misc., not to declare	 system				0.25	0 - 0.5		
└9	 Tin	 7440-31-5				99.75			
└5	 Bus Driver IC	 AA-A917-7430-0-00		1	0.092772				
└6	 IC	 AAA9177430000	1219219529 / 1	1	0.092772				 Not Applicable
└7	 EP-QD90				0.06019206			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Silica, vitreous	 60676-86-0				88			
└8	 Oxirane, 2,2'-[(3,3',5,5'-tetramethyl[1,1'-biphenyl]-4,4'-diyl)bis(oxymethylene)]bis-	 85954-11-6				11.15			
└8	 Tris(methylphenyl) phosphate	 1330-78-5				0.55		 D	
└8	 Carbon black	 1333-86-4				0.3			
└7	 C1940		73651787 / 2		0.0312			 3.2	 Recyclate not yet answered
└8	 Copper	 7440-50-8				97.3275		 D / P	

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Lead	 7439-92-1				0.015	0 - 0.03	 D / P / SVHC	 Concentration within acceptable GADSL limits [44]
└8	 Iron	 7439-89-6				2.35	2.1 - 2.6		
└8	 Zinc (metal)	 7440-66-6				0.125	0.05 - 0.2		
└8	 Phosphorus	 7723-14-0				0.0825	0.015 - 0.15		
└8	 Misc., not to declare	 system				0.1	0 - 0.2		
└7	 Sieg (Silicon electronic grade, e.g. for Wafer)		127807180 / 3		0.00094153			 4.2	 Recyclate not yet answered
└8	 Silicon	 7440-21-3				99.99995	99.9999 - 100		
└8	 Misc., not to declare	 system				0.00005			
└7	 Die Attach Adhesive (Ag)				0.00028768			 6.2	 Recyclate not yet answered Content of bio-based material No
└8	 Silver	 7440-22-4				79.99993		 D / P	
└8	 Oxirane, 2,2'-[(3,3',5,5'-tetramethyl[1,1'-biphenyl]-4,4'-diyl)bis(oxymethylene)]bis- (9CI)	 85954-11-6				20.00007			
└7	 Ep-Ni				0.0001			 3.4	 Recyclate not yet answered
└8	 Nickel	 7440-02-0				95.12		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└8	 Gold	 7440-57-5				0.78			
└8	 Palladium	 7440-05-3				4.1		 D	
└7	 Cu99		39346562 / 4		0.00005114			 3.1	 Recyclate not yet answered

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└8	Copper	7440-50-8				99.990909	99.9 - 100	D / P	
└8	Misc., not to declare	system				0.009091	0 - 0.01		
└5	Rectifier Diode - Schottky	AA-A910-1720-0-00		1	0.098				
└6	IC	AAA9101720000	1095048408 / 1	1	0.098				
└7	Silicon die			1	0.001019				Not Applicable
└8	Si				0.001001			4.2	Recyclate No
└9	Silicon	7440-21-3				97.0033			
└9	Aluminium (metal)	7429-90-5				0.5994			
└9	Tungsten	7440-33-7				0.0999			
└9	Titanium	7440-32-6				0.0999			
└9	Nickel	7440-02-0				1.0988		D	Not applicable [34]
└9	Silicon dioxide	7631-86-9				0.5994			
└9	Gold	7440-57-5				0.4993			
└8	PI				0.000018			5.4.3	Recyclate No Content of bio-based material No
└9	Polyimide	-				99.999			
└9	Misc., not to declare	system				0.001			
└7	Leadframe			1	0.040773				
└8	Copper LeadFrame				0.040773			3.1	Recyclate No
└9	Copper	7440-50-8				99.9507		D / P	

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└9	 Iron	 7439-89-6				0.0099			
└9	 Iron phosphide	 26508-33-8				0.0345			
└9	 Zinc (metal)	 7440-66-6				0.0049			
└7	 Soft solder			1	0.002317				
└8	 Pb92Sn4Ag2				0.002317			 3.5	 Recyclate No
└9	 Lead	 7439-92-1				92.4903		 D / P / SVHC	 8(e) - Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead) [57]
└9	 Tin	 7440-31-5				5.0065			
└9	 Silver	 7440-22-4				2.5032		 D / P	
└7	 Molding compound			1	0.052954				 Not Applicable
└8	 EP-PF				0.052954			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Quartz (SiO2)	 14808-60-7				20.0004		 D	
└9	 Phenol, polymer with formaldehyde	 9003-35-4				5.0005			
└9	 Silicon dioxide	 7631-86-9				73.9982			
└9	 Carbon black	 1333-86-4				1.0009			
└7	 Connections coating			1	0.000937				
└8	 Tin Coating Electrodeposited (Class A > 2,5 µm)		104836853 / 1		0.000937			 4.2	 Recyclate No

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└9	Tin	7440-31-5				99.5	99 - 100		
└9	Misc., not to declare	system				0.5	0 - 1		
└5	Jumper	A2-C042-2430-0-00		1	0.00214				
└6	Resistor	A2C04224300	886130777 / 2	1	0.00214				
└7	Ceramic Substrate	RK73Z 1J T - Substrate		1	0.00184				
└8	Ceramic				0.0018395			7.2	Recyclate No
└9	Ceramic without declarable substances	-				99.8			
└9	Misc., not to declare	system				0.2			
└7	Top Terminal	RK73Z 1J T - Inner electrode (Top)		1	0.000049				
└8	Glass				0.000049			7.2	Recyclate No
└9	Glass without declarable substances	-				3.13			

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└9	 Lead	 7439-92-1				1.87		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Silver	 7440-22-4				91.5		 D / P	
└9	 Palladium	 7440-05-3				2.5		 D	
└9	 Phosphorus	 7723-14-0				0.01			
└9	 Misc., not to declare	 system				0.99			
└7	 Bottom Terminal	 RK73Z 1J T - Inner electrode (Bottom)		1	0.000035				
└8	 Glass				0.0000345			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				4.27			

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└9	 Lead	 7439-92-1				3.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				4		 D	
└9	 Titanium-dioxide	 13463-67-7				0.05			
└9	 Silver	 7440-22-4				87.5		 D / P	
└9	 Misc., not to declare	 system				0.45			
└7	 Side Terminal	 RK73Z 1J T - Inner electrode (Side)		1	0.000001				
└8	 Chromium-Nickel Alloy (50Cr-50Ni)		100120611 / 5		0.0000008			 4.2	 Recyclate No
└9	 Aluminium (metal)	 7429-90-5				0.125	0 - 0.25		
└9	 Carbon	 7440-44-0				0.05	0 - 0.1		
└9	 Chromium	 7440-47-3				50	48 - 52		
└9	 Iron	 7439-89-6				0.5	0 - 1		

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└9	 Manganese	 7439-96-5				0.15	0 - 0.3		
└9	 Nitrogen	 7727-37-9				0.15	0 - 0.3		
└9	 Nickel	 7440-02-0				48.255		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Phosphorus	 7723-14-0				0.01	0 - 0.02		
└9	 Sulphur	 7704-34-9				0.01	0 - 0.02		
└9	 Silicon	 7440-21-3				0.5	0 - 1		
└9	 Titanium	 7440-32-6				0.25	0 - 0.5		
└7	 Resistive Element	 RK73Z 1J T - Resistive film		1	0.000016				
└8	 Glass				0.000016			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				4.2			

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└9	 Lead	 7439-92-1				2.8		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				0.8		 D	
└9	 Titanium-dioxide	 13463-67-7				0.05			
└9	 Silver	 7440-22-4				92		 D / P	
└9	 Misc., not to declare	 system				0.15			
└7	 Inner Protective Element	 RK73Z 1J T - Inner protective coat		1	0.000013				
└8	 Glass				0.000013			 7.2	 Recyclate No
└9	 Glass without declarable substances	 -				52.27			

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└9	 Lead	 7439-92-1				45.73		 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Copper-oxide	 1317-38-0				0.02		 D	
└9	 Misc., not to declare	 system				1.98			
└7	 Overcoat	 RK73Z 1J T - Outer protective coat		1	0.000034				 Not Applicable
└8	 EP-(QD30+MD17)				0.000034			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				53			
└9	 Quartz (SiO2)	 14808-60-7				30		 D	
└9	 Copper-oxide	 1317-38-0				2		 D	
└9	 Chromium(III)oxide	 1308-38-9				4.5			
└9	 Manganese dioxide	 1313-13-9				1.88			
└9	 Magnesium-oxide	 1309-48-4				6.6		 D	

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└9	Dibismuth-trioxide	1304-76-3				1.9			
└9	Misc., not to declare	system				0.12			
└7	Marking	RK73Z 1J T - Marking		1	0.000008				Not Applicable
└8	EP-MD21				0.0000078			5.4.3	Recyclate No Content of bio-based material No
└9	Epoxy resin	-				77			
└9	Titanium-dioxide	13463-67-7				21			
└9	Misc., not to declare	system				2			
└7	Middle Terminal	RK73Z 1J T - Ni plating		1	0.000078				
└8	Ep-Ni		73281475 / 2		0.0000779			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Outer Terminal	RK73Z 1J T - Solder plating		1	0.000068				
└8	Ep-Sn		73281477 / 2		0.0000677			4.2	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Tin	7440-31-5				99.75			
└5	Linear Resistor	AA-A942-3750-0-00		2	0.002049				
└6	RESISTOR	AAA9423750000	1200818496 / 1	1	0.002049				

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└7	 Substrate	 1		1	0.00174				
└8	 CERAMICS	 CERAMICS			0.00174			 7.2	 Recyclate No
└9	 Ceramic without declarable substances	 -				99.5			
└9	 Misc., not to declare	 system				0.5	0 - 1		
└7	 Top Terminal	 2		1	0.000001				
└8	 Au				0.00000099			 4.2	 Recyclate No
└9	 Gold	 7440-57-5				99.95	99.9 - 100		
└9	 Misc., not to declare	 system				0.05	0 - 0.1		
└8	 Glass containing Lead				0.00000001			 7.2	 Recyclate No
└9	 Lead	 7439-92-1				65	60 - 70	 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Glass without declarable substances	 -				35	30 - 40		

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└7	 Re-Top Terminal	 3		1	0.00001				
└8	 Conductive Ag-Ep material				0.00001			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				83.1		 D / P	
└9	 Bisphenol A resin	 -				16.9			
└7	 Bottom Terminal	 4		1	0.000013				
└8	 Conductive Ag-Ep material				0.000013			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				83.1		 D / P	
└9	 Bisphenol A resin	 -				16.9			
└7	 Resistive Element	 5		1	0.000001				
└8	 NiCrAlSi				0.000001			 4.2	 Recyclate No
└9	 Nickel	 7440-02-0				40		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Chromium	 7440-47-3				40			
└9	 Aluminium (metal)	 7429-90-5				10			
└9	 Silicon	 7440-21-3				10			
└7	 Overcoat	 6		1	0.00003				 Not Applicable
└8	 EP-(QD22+MD10+CD5+TD5)				0.00003			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				59.2			

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└9	 Silica, vitreous	 60676-86-0				22.2			
└9	 Copper chromite black spinel	 68186-91-4				8.2			
└9	 Carbon black	 1333-86-4				4.5			
└9	 Talc	 14807-96-6				4.5		 D	
└9	 Dibismuth-trioxide	 1304-76-3				1.2			
└9	 Bismuth nitrate	 10361-44-1				0.2			
└7	 Marking	 7		1	0.000002				 Not Applicable
└8	 EP-(TD25+MD21+KD4)				0.000002			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				50.2			
└9	 Talc	 14807-96-6				25.1		 D	
└9	 Titanium-dioxide	 13463-67-7				18.8			
└9	 Calcium-carbonate	 471-34-1				3.8			
└9	 Dibismuth-trioxide	 1304-76-3				1.8			
└9	 Bismuth nitrate	 10361-44-1				0.3			
└7	 Side Terminal	 8		1	0.000041				 Not Applicable
└8	 EP-(MED45+CD9)	 EP			0.000041			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Silver	 7440-22-4				45.45		 D / P	
└9	 Bisphenol A resin	 -				45.45			
└9	 Carbon black	 1333-86-4				9.1			

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└7	Middle Terminal	9		1	0.000124				
└8	Ep-Ni		73281475 / 2		0.000124			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Outer Terminal	10		1	0.000087				
└8	Ep-Sn		73281477 / 2		0.000087			4.2	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Tin	7440-31-5				99.75			
└5	Resistor	A2-C029-6330-0-00		2	0.000584				
└6	RESISTOR	A2C0296330000	1201957257 / 1	1	0.000584				
└7	Substrate	1		1	0.00046				
└8	CERAMICS	CERAMICS			0.00046			7.2	Recyclate No
└9	Ceramic without declarable substances	-				99.5			
└9	Misc., not to declare	system				0.5	0 - 1		
└7	Top Terminal	2		1	0.000001				
└8	Au				0.000000997			4.2	Recyclate No
└9	Gold	7440-57-5				99.95	99.9 - 100		
└9	Misc., not to declare	system				0.05	0 - 0.1		

Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Glass containing Lead				0.000000003			 7.2	 Recyclate No
└9	 Lead	 7439-92-1				65	60 - 70	 D / P / SVHC	 10(a) - Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in: - glass in bulbs and glaze of spark plugs, - dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d). [63]
└9	 Glass without declarable substances	 -				35	30 - 40		
└7	 Re-top Terminal	 3		1	0.000005				
└8	 Conductive Ag-Ep material				0.000005			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				83.1		 D / P	
└9	 Bisphenol A resin	 -				16.9			
└7	 Bottom Terminal	 4		1	0.000006				
└8	 Conductive Ag-Ep material				0.000006			 6.2	 Recyclate not yet answered Content of bio-based material No
└9	 Silver	 7440-22-4				83.1		 D / P	
└9	 Bisphenol A resin	 -				16.9			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└7	 Resistive Element	 5		1	0.000001				
└8	 NiCrAlSi				0.000001			 4.2	 Recyclate No
└9	 Nickel	 7440-02-0				40		 D	 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└9	 Chromium	 7440-47-3				40			
└9	 Aluminium (metal)	 7429-90-5				10			
└9	 Silicon	 7440-21-3				10			
└7	 Overcoat	 6		1	0.000013				 Not Applicable
└8	 EP-(QD22+MD10+CD5+TD5)				0.000013			 5.4.3	 Recyclate No Content of bio-based material No
└9	 Epoxy resin	 -				59.2			
└9	 Silica, vitreous	 60676-86-0				22.2			
└9	 Copper chromite black spinel	 68186-91-4				8.2			
└9	 Carbon black	 1333-86-4				4.5			
└9	 Talc	 14807-96-6				4.5		 D	
└9	 Dibismuth-trioxide	 1304-76-3				1.2			
└9	 Bismuth nitrate	 10361-44-1				0.2			
└7	 Side Terminal	 7		1	0.000015				 Not Applicable
└8	 EP-(MED45+CD9)	 EP			0.000015			 5.4.3	 Recyclate No Content of bio-based material No

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Source of material Application [ID]
└9	Silver	7440-22-4				45.45		D / P	
└9	Bisphenol A resin	-				45.45			
└9	Carbon black	1333-86-4				9.1			
└7	Middle Terminal	8		1	0.000043				
└8	Ep-Ni		73281475 / 2		0.000043			3.4	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Nickel	7440-02-0				99.75		D	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]
└7	Outer Terminal	9		1	0.00004				
└8	Ep-Sn		73281477 / 2		0.00004			4.2	Recyclate No
└9	Misc., not to declare	system				0.25	0 - 0.5		
└9	Tin	7440-31-5				99.75			
└5	pcb	AA-A932-1640-0-00		1	10.88				
└6	PCB	AAA9321640000	1225027718 / 3	1	10.88				Not Applicable
└7	Cu99		39346562 / 4		2.607			3.1	Recyclate No
└8	Copper	7440-50-8				99.990909	99.9 - 100	D / P	
└8	Misc., not to declare	system				0.009091	0 - 0.01		
└7	EP-GF50				8.018			5.4.3	Recyclate No Content of bio-based material No
└8	GF-Fibre	-				50			

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Tree Level	 Description  Article Name  Name  Substance name	 Part/Item No.  Item- /Mat.-No.  Material-No.  CAS No.	   IMDS ID / Version	 Quantity	  Weight [g]	   Portion [%]	   Portion (from - to) [%]	 Classif.  GADSL, SVHC	 Parts Marking  Source of material  Application [ID]
└8	 Phenol, 4,4'-(1-methylethylidene)bis(2,6-dibromo-, polymer with (chloromethyl)oxirane and 4,4'-(1-methylethylidene)bis(phenol)	 26265-08-7				50			
└7	 AEP				0.25			 5.4.3	 Recyclate No Content of bio-based material No
└8	 Barium sulphate	 7727-43-7				50			
└8	 Misc., not to declare	 system				9			
└8	 Acrylated Epoxy Resin	 -				41			
└7	 Electroless Sn (electroless deposited tin layer)		10648480 / 3		0.005			 4.2	 Recyclate No
└8	 Carbon	 7440-44-0				0.055	0.01 - 0.1		
└8	 Sulphur	 7704-34-9				0.055	0.01 - 0.1		
└8	 Tin	 7440-31-5				99.89			
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 Multi Sourced Component