

## **Chokes for Power Lines**

(MADO service (MADO Material) (Classification)	Product Cla	ISS:	: Ring Core Double Choke B82723J2***N***					- States				
Version:         10           Product Part (MOS: Material)         Material Class         Material Class         Substance         Termin         Termination         Termination <td< th=""><th colspan="2">Date</th><th colspan="2">26.07.2021</th><th>]</th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	Date		26.07.2021		]							
Product Part (MDS: Material Class       Material Class       Material Class       Material Class       Material Class       Typical mass for or material         Product Part (MDS: Material)       Material Class       Maganese Zinc Ferrite       100       12664-947       53.4         Duromer       2.C       Epoxy (EP)       100       25683-86       16.5         Heavy Metal       C       C       Universe       100       65400-67-9       0.8         Encapsulation and Mounting       Thermoplastic       2.A       Polyurehane (PUR)       100       65400-67-9       0.8         Fermination       Thermoplastic       2.A       Class fiber       100       65400-67-9       0.5         Heavy Metal       1.C       Cu       100       7440-50.8       10.3         Fermination       1.C       Ni       18       7440-50.8       0.2         Heavy Metal       1.C       Ni       18       7440-50.8       0.2         Mounting       1.C       Ni       100       7440-31.5       0.2         Heavy Metal       1.C       Ni       100       7440-31.5       0.2         Store W x L x H       Weight       BSTZ327************************************	IMDS ID if ava	ilable			-							
(MDS: semining)         (MDS: Material)         (Classification)         (Classification) <th colspan="2">Version:</th> <th colspan="2">10</th> <th></th> <th></th> <th></th> <th>Ť</th> <th>Ţ</th> <th></th> <th></th>	Version:		10					Ť	Ţ			
Dummer         Description         Description         Description           Dummer         2.C         Epoxy (CP)         100         2008-8.8.6         1.6           Heavy Metal         1.C         Cu         100         7440-50-8         15.2           Eastomer         2.B         Polyarchonate (PC)         89.8         25971-83-5           and Mounting         Thermoplastic         2.A         Glass fibrer         100         65997-17-3         1.8           Eastomer         2.C         Polyarchonate (PUR)         100         6640-67-9         9.5         1.4           Heavy Metal         1.C         N.         100         6640-67-9         9.5         1.4           Heavy Metal         1.C         N.         100         6640-67-9         9.5         1.4           Heavy Metal         1.C         N.         18         7440-92-0         1.0         1.0           Heavy Metal         1.C         N.         18         7440-92-0         1.0         1.0         1.0         2.0         7440-92-0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0 <th>(IMDS: semi</th> <th></th> <th></th> <th>(Classification)</th> <th>Substance</th> <th></th> <th></th> <th></th> <th></th> <th>of material</th> <th>Traces see 1)</th>	(IMDS: semi			(Classification)	Substance					of material	Traces see 1)	
Heavy Metal         1C         Cu         100         77440-50-8         15.2           Encapsulation and Mounting         Thermoplastic         2A         Polycethane (PUR)         100         68400-67-9         0.8           Elastomer         2A         Class fiber         10         68400-67-9         0.8         Polycethane (PUR)           Elastomer         2A         Class fiber         10         68400-67-9         9.5         1           Elastomer         2C         Polycethane (PUR)         100         68400-67-9         9.5         1           Heavy Metal         1C         Sn         100         7440-50-8         1.0         1           Heavy Metal         1C         Sn         100         7440-50-8         1.0         1           Heavy Metal         1C         Ni         18         7440-50-8         1.0         1           Heavy Metal         1C         Ni         100         7440-50-8         1.0         1           Heavy Metal         1C         Ni         100         7440-50-8         1.0         1           Heavy Metal         1C         Ni         100         7440-50-8         1.0         1         1 <td< td=""><td>Active Part</td><td colspan="2">Ceramic</td><td>4B</td><td colspan="2">Manganese Zinc Ferrite</td><td>100</td><td>12645-49-7</td><td>53.4</td><td></td></td<>	Active Part	Ceramic		4B	Manganese Zinc Ferrite		100	12645-49-7	53.4			
Eastomer         28         Polyuefhane (PUR)         100         68400-67-9         0.8           Encapsulation and Mouning         Thermoplastic         2A         Polycarbonate (PC)         89.8         25971-63-5         18           Elastomer         2C         Polycarbonate (PC)         80.8         25971-63-5         18           Elastomer         2C         Polycarbonate (PC)         100         68400-67-9         9.5           Heavy Metal         1C         Sn         100         7440-50-8         1.0           Heavy Metal         1C         Ni         18         7440-02-0         1.0           Heavy Metal         1C         Ni         100         7440-02-0         1.0           Heavy Metal         1C         Ni         100         7440-02-0         1.0           Heavy Metal         1C         Ni         100         7440-02-0         1.0           Heavy Metal         1C         Size         Ni         100         7440-02-0         1.0           Size W x L x H         Weight         Part Numbers         Size         Size         Ni         100         7440-31-5         0.2         Size           Size W x L x H         Weight         Part Number		Durom	er	2C	Epoxy (EP)			100	25068-38-6	1.6		
Encapsulation and Mounting         Thermoplastic         2A         Polycarbonate (PC)         89.8         25971-63.5           Elastomer         2C         Polycureltane (PC)         10         66997-17.3         18           Elastomer         2C         Polycureltane (PUR)         100         66400-67-9         9.5           Heavy Metal         1C         Sn         100         7440-31-5         0.3           Termination         Heavy Metal         1C         Ni         18         7440-02-0         1.0           Heavy Metal         1C         Ni         100         7440-31-5         0.2         2           Heavy Metal         1C         Ni         100         7440-31-5         0.2         1.0           Heavy Metal         1C         Ni         100         7440-31-5         0.2         1.0           Size W x L x H         Weight         Part Numbers         100.0         7443-35         0.2         100.0           Size W x L x H         Weight         Part Numbers         100.0         7443-15         0.2           Mot part of a Product Class         Contact         Dr. Johan Reindl, MAG EPOM         100         7440-17         100         74474 (EC PAS 61906)         100.0		Heavy	Metal	1C				100	7440-50-8	15.2		
Encapsulation and Mounting         Thermoplastic         2A         Polycarbonate (PC)         89.8         25971-63.5           Elastomer         2C         Polycarbonate (PC)         10         66997-17.3         18           Heavy Metal         1C         Sn         100         7440-31-5         0.3           Termination         1C         Cu         62         7440-50-8         1.0           Heavy Metal         1C         Ni         18         7440-50-8         1.0           Heavy Metal         1C         Ni         18         7440-50-8         1.0           Heavy Metal         1C         Ni         100         7440-31-5         0.2         2           Weight         1C         Ni         100         7440-31-5         0.2         2         3           Size W x L x H         Weight         Part Numbers         100.0         7440-31-5         0.2         3         100.0         7440-31-5         0.2         3         3         100.0         7440-31-5         0.2         3         3         100.0         7440-31-5         0.2         3         3         100.0         7440-31-5         0.2         3         3         3         3         3		Elasto	mer	2B	Polyurethane (PUR)			100	68400-67-9	0.8		
and Mounting       Thermoplastic       2A       Giass fiber       10       65997-17-3       18         Elastomer       2C       Polyurethane (PUR)       100       68400-67-9       9.5       0.3       0.4       0.40.05.8       0.4       0.40.05.8       0.3       0.4       0.4       0.4       0.4       0.3       0.3       0.3       0.4 <td>Encansulation</td> <td></td> <td></td> <td></td> <td colspan="2"> ,</td> <td>89.8</td> <td>25971-63-5</td> <td></td> <td></td>	Encansulation				,		89.8	25971-63-5				
Mounting         PFBS         0.2         29420-49-3           Elastomer         2C         Polyurethane (PUR)         100         68400-67-9         9.5           Termination         1C         Sn         100         7440-31-5         0.3         T           Termination         1C         Cu         62         7440-02-0         1.0           Heavy Metal         1C         Ni         18         7440-02-0         1.0           Heavy Metal         1C         Ni         100         7440-66-6         1.0           Heavy Metal         1C         Ni         100         7440-66-6         1.0           Heavy Metal         1C         Sn         100         7440-31-5         0.2         1.0           Size W x L x H         Weight (max. in mm)         (approx. in g)         18.6 x 28 x 30.5         18         B82723J2**N**           Not part of a Product Class         Contact         Dr. Johann Reindl, MAG EPQM         Important remarks:         1         The declaration limit is 0.1% as defined by IEC 62/14 (IEC PAS 61906) Traces product parts, substances to chard as ond substances acc.         1         The declaration limit is 0.1% as defined by IEC 62/14 (IEC PAS 61906) Traces product parts, substances contante beneroi         1         The declaration limit is 0.1% as defined by IEC 62/14	and		oplastic	2A					18			
Elastomer         2 C         Polyurethane (PUR)         100         6440-67-9         9.5           Termination         1C         Sn         100         7440-31-5         0.3         100           Heavy Metal         1C         Ni         18         7440-66-6         100         7440-31-5         0.2           Heavy Metal         1C         Ni         18         7440-66-6         100         7440-31-5         0.2           Heavy Metal         1C         Ni         100         7440-31-5         0.2         100         7440-31-5         0.2           Size W x L x H         Weight [max. in mm]         100         7440-31-5         0.2         100.0         100.0         7440-31-5         0.2         100.0           Size W x L x H         Weight [max. in mm]         Size W x L x H         Weight [max. in mm]         100.0         7440-31-5         0.2         100.0         100.	Mounting	monn	opiaoto									
Heavy Metal         1C         Sn         100         7440-31-5         0.3           Termination         IC         Cu         62         7440-50-8         10           Heavy Metal         1C         Ni         18         7440-60-8         10           Heavy Metal         1C         Ni         18         7440-60-8         10           Heavy Metal         1C         Ni         100         7440-86-6         10           Heavy Metal         1C         Sim         100         7440-86-6         100           Heavy Metal         1C         Sim         100         7440-31-5         0.2           Size W X L XH         Weight (approx. in g)         Part Numbers         Sum in total:         100.0           Size W X L XH         Weight (approx. in g)         Part Numbers         Important remarks:         100.0           Size W X L XH         Weight (approx. in g)         B82723J2**N***         Important remarks:         100.0           Size W X L XH         Meschneimer Strasse 1166, 81669 Munich         Important remarks:         100.0         7440-410 Munich         100.0           Address         Rosenheimer Strasse 1166, 81669 Munich         Important remarks:         100.0         100.0         100.0		Flasto	mer	20				-		9.5		
Termination       1C       Cu       62       7440-50-8         Heavy Metal       1C       Ni       18       7440-60-6         Heavy Metal       1C       Ni       100       7439-89-6         Heavy Metal       1C       Sn       100       7440-66-6         Heavy Metal       1C       Sn       100       7440-31-5       0.2         Size W X L X H       Weight [approx. in g]       Part Numbers       Sum in total:       100.0         Size W X L X H       Weight [approx. in g]       Part Numbers       Important remarks:       100.0         Division       Tok Electronics AG, Magnetics Business Group (MAG)       Inportant remarks:       100.0       The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906) Traces product parts, substances dte. that are below a percentage of 0.1 % by weight, inderwise regulated.         10 others: .regulated.       Tel: 449.854020 3030       mate: phane.neindigtik electronics tak.com       10         11 otherwise regulated.       Tel: 449.854020 3030       mate: phane.neindigtik electronics tak.com       11         11 otherwise regulated.       Tel: 449.854020 3030       mate: phane.neindigtik electronics tak.com       11         12 otherwise regulated.       Tel: 449.854020 3030       mate: phane.neindigtik electronics tak.com       11			-	-								
Heavy Metal         1C         Ni         18         7440-02-0         1.0           Heavy Metal         1C         Zn         20         7440-66-6         Image: Comparison of the comparison of th	Termination	,										
IC         Zn         20         7440-66-6           Heavy Metal         1C         Ni         100         7439-89-6         Inclustry           Heavy Metal         1C         Sn         100         7440-66-6         Inclustry           Heavy Metal         1C         Sn         100         7440-31-5         0.2         Inclustry           Size W x L x H         Weight (max. in mm)         (approx. in g)         Part Numbers         Sum in total:         100.0           Size W x L x H         Weight (max. in mm)         (approx. in g)         Part Numbers         Sum in total:         100.0           Size W x L x H         Weight (max. in mm)         (approx. in g)         The state		Heavy	Metal						-	10		
Heavy Metal         1C         Ni         100         7439-89-6         Image: Control of the product of the preduct of the preduct of the product of the preduct of the preduct o		,						-				
Heavy Metal         1C         Sn         100         7440-31-5         0.2           Size W x L x H [max. in mm]         Weight [approx. in g]         Part Numbers         Sum in total:         100.0           Size W x L x H [max. in mm]         Weight [approx. in g]         Part Numbers         Sum in total:         100.0           18.6 x 28 x 30.5         18         B82723.J2***N***         B82723.J2***N***         Sum in total:         100.0           Address         Contact         Dr. Johann Reindl, MAG EPQM         Important remarks:         1         The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906) Traces product parts, substances etc. that are below a percentage of 0.1 % by weight otherwise regulated.         1         The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906) Traces product parts, substances etc. that are below a percentage of 0.1 % by weight (IEC otherwise regulated.           *) others: (not declarable or prohibited substances acc. GADSL)         1         The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906) Traces product parts, substances often wise explicitly agreed in writing. DI ELECTRONICS AG AND TEXPERPEY EXPRESS.         10           *) others: (not declarable or prohibited substances acc. GADSL)         1         The declaration stock on the respective and a binding state binding product parts, substances often wise explicitly agreed in writing. DI ELECTRONICS AG AND TEXPEREY EXPRESS.         10         10           The product Set forth here		Heavy	Metal	-				-			x	
Sum in total:       100.0         Size W x L x H       Weight [max. in mm]       Part Numbers         [max. in mm]       [approx. in g]         18.6 x 28 x 30.5       18       B82723J2***N***         Not part of a Product Class       Important remarks:         Division       TDK Electronics AG, Magnetics Business Group (MAG)       1         Address       Rosenheimer Strasse 116b, 81669 Munich       1         Tet: +49.89 54020 3030       mailo: phann.eindigtik-electronics.tik.com       1         **) others: .(not declarable or prohibited substances acc. GADSL)       1       The Material Data Sheet contains typical values of the respective products set inding product parts, substances therwise explicitations, unless otherwise explicitations									0.2	~		
Size W x L x H [approx. in g]       Part Numbers         18.6 x 28 x 30.5       18       B82723J2***N***         Not part of a Product Class       Important remarks:         Division       TDK Electronics AG, Magnetics Business Group (MAG)       1         Address       Rosenheimer Strasse 116b, 81669 Munich       1         Tel: +49.89 54020 3030       mailor: [phann.reindigtik-electronics.tik.com]       1         **) others: (not declarable or prohibited substances acc. GADSL)       **) typical mass percentage of substance       2         ***) typical mass percentage of substance       The product set forth herein are "RoHS-compatible". RoHS-compatible: RoHS-compatible: RoHS-compatible: RoHS-compatible: RoHS-compatible: RoHS-compatible: means that products are compatible with the requirements according to Art. 4 (substance restriction of the use of certain hazardous substances in electrical and electronic equipt         RoHS - Exemptions for the Product Class / Product Class / Product caccording to Annex III: ( I vinit) ( I v		Ticavy	Weta	ĨĊ			100					
Contact         Dr. Johann Reindl, MAG EPQM         Important remarks:           Division         TDK Electronics AG, Magnetics Business Group (MAG)         1         The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906). Traces product parts, substances etc. that are below a percentage of 0.1 % by weight, i otherwise regulated.           Tet: +49 89 54020 3030         malto: johann reind@dtk-electronics.tdk.com         1         The declaratole or prohibited substances acc. GADSL)           ***) others: .(not declarable or prohibited substances acc. GADSL)         This Material Data Sheet contains typical values of the respective products set forth herein are "RoHS-compatible". RoHS-compatible means that product set of norther STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY PERPESENTATION OR WARRANTY, VMETHER EXPRESS, IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY PERPESENTATION OR WARRANTY OF MERCHANTABILITY OR SUTTABILITY FOR ANY PURPOSE.           Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipr           ROHS - Exemptions for the Product Class / Product according to Annex III: ( I valid □ not valid )           If necemptions (a)         Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35 % lead by weight;           Exemption 6 (a):         Lead as an alloying element in aluminium containing up to 0.4 % lead by weight;           Exemption 6 (c):         Cooper	[max. in mm] 18.6 x 28 x 30.	[appro	ox. in g] 18	_			-					
Division       TDK Electronics AG, Magnetics Business Group (MAG)         Address       Rosenheimer Strasse 116b, 81669 Munich         Tet: +49 89 54020 3030       mailto: johann.reindl@tdk-electronics.tdk.com         *) others: .(not declarable or prohibited substances acc. GADSL)       This Material Data Sheet contains typical values of the respective products set fibring product specifications, unless otherwise regulated.         **) typical mass percentage of substance       Carbon Sheet contains typical values of the respective products set fibring product specifications, unless otherwise explicitly agreed in writing. TDI ELECTRONICS AG AND ITS AFFILIATES HEREBY EXPRESS. IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTAIN HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTAIN HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OF SUITABILITY FOR ANY PURPOSE         The products set forth herein are "ROHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Art. 4 (substance restric Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equip         ROHS - Exemptions for the Product Class / Product according to Annex III: ( @ valid   not valid )         Image: Resemption 6 (a):       Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight;         Exemption 6 (a):       Lead as an alloying element in steel for machining purpo	Not part of a P											
Address       Rosenheimer Strasse 116b, 81669 Munich       product parts, substances etc. that are below a percentage of 0.1 % by weight, i otherwise regulated.         Tet: +49 89 54020 3030       maito:       johann.reindl@tdk-electronics.tdk.com         *) others: .(not declarable or prohibited substances acc. GADSL)       This Material Data Sheet contains typical values of the respective products set fherein. We expressly point out that all values and statements contained herein a based on our best present knowledge and cannot be regarded as binding stater binding product specifications, unless otherwise explicitly agreed in writing. TDi ELECTRONICS GA AND ITS AFFILIATES HEREBY EXPRESSLY DISCLAM / REPRESENTATION OR WARRANTY, WHETHER EXPRESSL MPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PUPPOSE.         The products set forth herein are "RoHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Ant. 4 (substance restric Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipt         RoHS - Exemptions for the Product Class / Product according to Annex III: ( I valid I not valid )         I no exemptions;         Exemption 6 (a): Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35 % lead by weight;         Exemption 6 (b): Lead as an alloying element in aluminium containing up to 0.4 % lead by weight;         Exemption 6 (c): Coperalaloy containing up to 0.4 % lead by weight;<							ortant remarks:					
Address       Rosenthements Stasse 1100, 01009 withind1         Tei: +49 89 54020 3030       mailio: johann.reind@tdk-electronics.tdk.com         *) others: .(not declarable or prohibited substances acc. GADSL)       This Material Data Sheet contains typical values of the respective products set for herein. We expressly point out that all values and statements contained herein a based on our best present knowledge and cannot be regarded as binding statements withing. TDI ELECTRONICS AG AND ITS AFFILIATES HEREBY EXPRESS. IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY, WHETHER EXPRESS. IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY FOR ANY PURPOSE         The products set forth herein are "RoHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Ant. 4 (substance restric Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipt         RoHS - Exemptions for the Product Class / Product according to Annex III: ( I valid I not valid )       In exemptions (I walid I not valid I)         I no exemptions;       Examption 6 (a): Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight;       Exemption 6 (b): Lead as an alloying element in aduminium containing up to 0,4 % lead by weight;         Exemption 6 (c): Copper alloy containing up to 4 % lead by weight;       Exemption 7 (a): Lead in high melting temperature type solder (i.e. lead-based			, U	1)								
johann.reindl@tdk-electronics.tdk.com       i) others: .(not declarable or prohibited substances acc. GADSL)         **) others: .(not declarable or prohibited substances acc. GADSL)       herein. We expressly point out that all values and statements contained herein a based on our best present knowledge and cannot be regarded as binding stater binding product specifications, unless otherwise explicitly agreed in writing. TDI ELECTRONICS AG AND ITS AFFILATES HEREBY EXPRESSLY DISCLAIM A REPRESENTATION OR WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PURPOSE.         The products set forth herein are "ROHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Art. 4 (substance restric Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipt         ROHS - Exemptions for the Product Class / Product according to Annex III: ( ☑ valid □ not valid )       In ot valid □         I no exemptions;       Exemption 6 (a): Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight;       Exemption 6 (b): Lead as an alloying element in aluminium containing up to 0,4 % lead by weight;         I exemption 6 (c): Copper alloy containing up to 4.% lead by weight;       Exemption 7 (c)-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound I exemption 7 (c)-I: Lead in dielectric ceramic in cap	Address						otherwise regulated.					
> Others: . (not declarable of profit/bited substance acc. GADSL)         ***) typical mass percentage of substance         binding product specifications, unless otherwise explicitly agreed in writing. The ELECTRONICS AG AND ITS AFFILIATES HEREBY EXPRESSLY DISCLAIM A REPRESENTATION OR WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTA HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PURPOSE.         The products set forth herein are "RoHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Art. 4 (substance restric Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipt         RoHS - Exemptions for the Product Class / Product according to Annex III: ( ☑ valid □ not valid )         Image: an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight;         Image: Exemption 6 (a):       Lead as an alloying element in aluminium containing up to 0,4 % lead by weight;         Image: Exemption 6 (c):       Copper alloy containing up to 4 % lead by weight;         Image: Exemption 7 (c)-II:       Lead in high meting temperature type solder (i.e. lead-based alloys containing 85 % by weight or more lead);         Image: Exemption 7 (c)-II:       Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or tigher;		101: +49 89 54	1020 3030			2)	herein. We expressly point out that all values and statements contained herein					
The products set forth herein are "RoHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Art. 4 (substance restric Directive 2011/65/EU of the European Parliament and of the Council of June 8 <sup>th</sup> , 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipr RoHS - Exemptions for the Product Class / Product according to Annex III: ( ☑ valid □ not valid ) ☑ no exemptions; □ Exemption 6 (a): Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight; □ Exemption 6 (b): Lead as an alloying element in aluminium containing up to 0,4 % lead by weight; □ Exemption 6 (c): Copper alloy containing up to 4 % lead by weight; □ Exemption 7 (a): Lead in high metting temperature type solder (i.e. lead-based alloys containing 85 % by weight or more lead); □ Exemption 7 (c)-II: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound □ Exemption 7 (c)-II: Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher;	, ,			tances acc. GADS	L)		binding product specif ELECTRONICS AG A REPRESENTATION ( STATUTORY, WITH F HEREIN, INCLUDING	ications, unles ND ITS AFFIL OR WARRAN REGARD TO BUT NOT LII	ss otherwise expliciti LATES HEREBY EX TY, WHETHER EXF THE STATEMENTS MITED TO ANY REI	y agreed in writing. (PRESSLY DISCL) PRESS, IMPLIED C AND VALUES CO PRESENTATION C	TDK AIM ANY R NTAINED R	
I Exemption 6 (a):       Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight;         I Exemption 6 (b):       Lead as an alloying element in aluminium containing up to 0,4 % lead by weight;         I Exemption 6 (c):       Copper alloy containing up to 4 % lead by weight;         I Exemption 7 (a):       Lead in high melting temperature type solder (i.e. lead-based alloys containing 85 % by weight or more lead);         I Exemption 7 (c)-I:       Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix component         I Exemption 7 (c)-II:       Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher,	Directive 2011/65	/EU of the Eu	ropean Parliament	and of the Council of	June 8 <sup>th</sup> , 2011 on the	e restri	oducts are compatible wi ction of the use of certair	th the requirer	ments according to A	Art. 4 (substance re	estrictions) of	
Exemption 7 (a): Lead in high melting temperature type solder (i.e. lead-based alloys containing 85 % by weight or more lead); Exemption 7 (c)-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound Exemption 7 (c)-II: Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher;	Exemption 6 (a):	Lead as an a Lead as an a	alloying element in alun	ninium containing up to 0	-	contain	ing up to 0,35 % lead by weig	ıht;				
	Exemption 7 (a):	Lead in high Electrical an	melting temperature ty d electronic component	pe solder (i.e. lead-based ts containing lead in a gla	ass or ceramic other than	n dielect	ric ceramic in capacitors, e.g	. piezoelectronic	devices, or in a glass o	or ceramic matrix com	oound;	
Exemption 15: Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages;	Exemption 7 (c)-I	II: Lead in diele	ectric ceramic in capaci	tors for a rated voltage of	less than 125 V AC or 2	250 V D	С;	Flip Chip packa	ges;			