

Common-mode Chokes

chokes B82721S0x		SMD Common-mode chokes B82721S0xxxxxx B78512AxxxxA003				EPCC A785 16165	05 66 57 C		
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able									
Version: 03						-			
Dduct Part Material Class IDS: semi (IMDS: Material) mponent)		Material (Classification) VDA 231	Substance			TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)
Active Part Ceramic		4B Manganese Zinc		c Ferrite	9	100	12645-49-7	38.0	
Polym	er	2C	Ероху			100	25068-38-6	1.3	
Heavy	Metal	1C	Cu			100	7440-50-8	32.1	
Elasto	mer	2B	Polyamide (PA)			100	24993-04-2	1.6	
			Phenolic		35-50	9003-35-4	- 19.2		
Therm	oplastic	2A	Glass fiber		50-65	65997-17-3			
Organ	rganic. solid 5B P		Polydimethylsilo	xane (N	MQ)	100	63148-62-9	-9 4.6	
Fermination Heavy Metal		1C			100	7440-50-8	3		
			_			100	7440-31-5	0.2	
,		-	-				Sum in total:	100.0	1
17.02X19.3X10.1 4.8 17.02X19.3X10.1 4.3 17.02X19.3X10.1 4.6 17.02X19.3X10.1 5.2 17.02X19.3X10.1 4.7 17.02X19.3X10.1 4.9 17.02X19.3X10.1 5.2 Not part of a Product Class				Impo	17.02X19.3X10.1 17.02X19.3X10.1 17.02X19.3X10.1 17.02X19.3X10.1 17.02X19.3X10.1 17.02X19.3X10.1 17.02X19.3X10.1		4.7 5.2 4.6 4.3 4.8 5.2	9] B78512A8287A003*** B78512A8213A003 B78512A8286A003 B78512A7896A003 B78512A7896A003 B78512A9713A003 B78512A7856A003	
Division TDK Electronics AG, Magnetics Business Group (MA				1) The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906) Traces are					
Rosenheimer Strasse 116b, 81669 Munich Tel: +49 89 54020 3030 mailto: johann.reindl@tdk-electronics.tdk.com				 otherwise regulated. This Material Data Sheet contains typical values of the respective products set forth herein. We expressly point out that all values and statements contained herein are 					
 *) others: .(not declarable or prohibited substances acc. GADSL) **) typical mass percentage of substance ***) core is Nickel-Zink-Ferrite CAS 12645-50-0 					binding product specifications, unless otherwise explicitly agreed in writing. TDK ELECTRONICS AG AND ITS AFFILIATES HEREBY EXPRESSLY DISCLAIM ANY REPRESENTATION OR WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTAINED HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR				
EU of the Eu tions for the Lead as an Lead as an Copper alloy Lead in high Electrical ar Lead in diele	uropean Parliamen he Product Cla alloying element in si alloying element in al y containing up to 4 % n melting temperature id electronic compon actric ceramic in capa	nt and of the Council of ss / Product accord teel for machining purposes luminium containing up to 0 % lead by weight; e type solder (i.e. lead-base ents containing lead in a gl acitors for a rated voltage o	June 8 th , 2011 on the ding to Annex III: (s and in galvanized steel 0,4 % lead by weight; ed alloys containing 85 % ass or ceramic other thar of 125 V AC or 250 V DC of	e restrict (I valid containing by weigh n dielectric or higher;	tucts are compatible with tion of the use of certain d	n the requirer hazardous s nt;	nents according to <i>i</i>	Art. 4 (substance re cal and electronic ec	strictions) of juipment.
	able Mater (IMDS Ceran Polym Heavy Elasto Therm Organ Heavy Heavy Heavy Heavy I I I I I I I I I I I I I	chokes B82721S0: B78512Ax: 22.07.2021 able 03 Material Class (IMDS: Material) Ceramic Polymer Heavy Metal Elastomer Thermoplastic Organic, solid Heavy Metal Thermoplastic Organic, solid Heavy Metal Thermoplastic Dr. Johann Reindl, MAG E TDK Electronics AG, Magi Rosenheimer Strasse 116 Fel: +49 89 54020 3030 eclarable or prohibited sul percentage of substance el-Zink-Ferrite CAS 12645 et forth herein are "RoH EU of the European Parliame ions for the Product Clas Lead as an alloying element in a Copper alloy containing up to 4 9 Lead as an alloying element in cap Caper alloy containing up to 4 9 Lead in high melting temperature	chokes B82721S0xxxxxx B78512AxxxxA003 22.07.2021 able 03 Material Class (IMDS: Material) (Classification) VDA 231 Ceramic 4B Polymer 2C Heavy Metal 1C Elastomer 2B Thermoplastic 2A Organic, solid 5B Heavy Metal 1C Heavy Metal 1C I Weight Part Nu [approx. in g] 4.8 B82721S0272T 4.3 B82721S0272A 5.2 B82721S0322A 5.2 B82721S0322A 5.2 B82721S0322A 5.2 S.2 B82721S0322A 5.2 S.2 B82721S0322A 5.2 Dr. Johann Reindl, MAG EPQM TDK Electronics AG, Magnetics Business Grou Rosenheimer Strasse 116b, 81669 Munich Fei: +49 89 54020 3030 maitto: johann.reindl@ttk-elec eclarable or prohibited substances acc. GADS percentage of substance eel-Zink-Ferrite CAS 12645-50-0 et forth herein are	chokes B32721S0xxxxxx B78512AxxxxA003 22.07.2021 able 03 VDA 231 Substance (IMDS: Material) (Classification) VDA 231 Substance Ceramic 4B Manganese Zind Polymer 2C Epoxy Heavy Metal 1C Cu Elastomer 2B Polyamide (PA) Thermoplastic 2A Phenolic Organic, solid 5B Polydimethylsilo Heavy Metal 1C Cu Heavy Metal 1C Sn Velight Part Numbers [approx. in g] 4.8 B82721S022A03(P301297 4.3 B82721S052A03(P301297 4.3 4.6 B82721S052A03(P301297 4.7 B82721S052A03(P301297 4.8 B82721S052A03(P301297 4.9 B82721S052A03(P301292 5.2 B82721S052A03(P301292 4.9 B82721S052A03(P301294 5.2 B82721S052A03(P301294 5.2 B82721S052A03(P301294 5.2 B82721S052A	chokes B82721S0xxxxxx B78512AxxxxA003 22.07.2021 able 03 Caramic 4B Material Class (IMDS: Material) (Classification) VDA231 Caramic 4B Polymer 2C Epoxy Heavy Metal 1C Cu Elastomer 2B Polyamide (PA) Thermoplastic 2A Organic, solid 5B Organic, solid 5B Organic, solid 5B Polydimethylsiloxane (I Heavy Metal 1C Cu Heavy Metal 1C Sn Meterial 1C Sa B82721S0272T040;P301297 4.3 B82721S022200;P301295 5.2 B82721S022200;P301292**** 4.9 B82721S0322A00;P301292**** 4.9 B82721S0322A00;P301292**** 4.9 B82721S0322A00;P301292**** 4.9 B82721S0322A00;P301292**** 4.9 B82721S0322A00;P301292**** <tr< td=""><td>Chokes B82721S0xxxxxx B78512AxxxxA003 Substance 22.07.2021 able able 03 (MDS: Material) (Classification) VDA.231 Ceramic 4B Manganese Zinc Ferrite Polymer 2C Epoxy Heavy Metal 1C Cu Elastomer 2B Polyamide (PA) Thermoplastic 2A Phenolic Organic, solid 5B Polydimethytsiloxane (MQ) Heavy Metal 1C Cu Heavy Metal 1C Sn Veight Part Numbers Size W x L x H [approx. in g] [max.in mm] 4.8 B8272150272040;P301297 17.02X19.3X10.1 5.2 B8272150272A02;P301295 17.02X19.3X10.1 5.2 B8272150322A02;P301295 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 6 J.2 B8272150322A02;P30129</td><td>chokes B8272150xxxxxxx B78512AxxxxA003 22.07.2021 Image: Control of the second se</td><td>chokes B82721S0xxxxxx B78512AxxxxA003 Display abin isource isource abin isource isource abin isource isource abin isource isource (MDS: Material) (Classification) isource isource (MDS: Material) (Classification) isource isource isource (Material) (Classification) (MO) isource isource (Material) (Classification) (MO) isource isource (Material) (Classification) (MO)</td><td>chokes B2721300xxxxxx B2721300xxxxxx B2721300xxxxxx 22.07.2021 Image: Comparison of the comparison</td></tr<>	Chokes B82721S0xxxxxx B78512AxxxxA003 Substance 22.07.2021 able able 03 (MDS: Material) (Classification) VDA.231 Ceramic 4B Manganese Zinc Ferrite Polymer 2C Epoxy Heavy Metal 1C Cu Elastomer 2B Polyamide (PA) Thermoplastic 2A Phenolic Organic, solid 5B Polydimethytsiloxane (MQ) Heavy Metal 1C Cu Heavy Metal 1C Sn Veight Part Numbers Size W x L x H [approx. in g] [max.in mm] 4.8 B8272150272040;P301297 17.02X19.3X10.1 5.2 B8272150272A02;P301295 17.02X19.3X10.1 5.2 B8272150322A02;P301295 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 5.2 B8272150322A02;P301292 17.02X19.3X10.1 6 J.2 B8272150322A02;P30129	chokes B8272150xxxxxxx B78512AxxxxA003 22.07.2021 Image: Control of the second se	chokes B82721S0xxxxxx B78512AxxxxA003 Display abin isource isource abin isource isource abin isource isource abin isource isource (MDS: Material) (Classification) isource isource (MDS: Material) (Classification) isource isource isource (Material) (Classification) (MO) isource isource (Material) (Classification) (MO) isource isource (Material) (Classification) (MO)	chokes B2721300xxxxxx B2721300xxxxxx B2721300xxxxxx 22.07.2021 Image: Comparison of the comparison