

Varistor

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Product Class	Multilayer Varistor CT-Type B725xxE* 21.01.2020							
Date								
IMDS ID if available								
Version	5.07		1					
Product Part	Material Class	Material	Substance	TMPS**)	CAS	typical mass of	Traces	
(IMDS: semi component)	(IMDS: Material)	(Classification) VDA 231	Substance	[wt%]	if applicable	material [wt-%]	see 1)	
Active Part	Ceramic	3B	ZnO	89	1314-13-2	94		
			Bi2O3	3	1304-76-3			
			Sb2O3	5	1309-64-4			
			Co3O4	1	1308-06-1			
			NiO	1	1313-99-1			
			others*)	1				
	Nabla Matal	407	,	75.00	7440.00.4	4		
Inner Electrode	Noble Metal	1D7	Ag	75-90	7440-22-4	1		
			Pd	10-25	7440-05-3			
Termination	Composite	4D	Ag	90	7440-22-4	4.2		
			Glass frit (boro-silicate)	10				
	Heavy Metal	1C8	Sn	100	7440-31-5	0.5		
	Heavy Metal	1C14	Ni	100	7440-02-0	0.3		
	,	-			Sum of total	100		
					Sum of total	100		
sizes [mm] 1.0 x 0.5 x 0.5	weight range [g] 0.001 - 0.003	material numbers B7259*E*	part numbers 0402					
1.6 x 0.8 x 0.8	0.004 - 0.006	B7250*E*	0603					
2.0 x 1.25 x 1.1	0.004 - 0.000	B7251*E*	0805					
3.2 x 1.6 x 1.1	0.02 - 0.04	B7252*E*	1206					
3.2 x 2.5 x 1.3	0.02 - 0.04	B7253*E*	1210					
4.5 x 3.2 x 2.2	0.08 - 0.2	B7258*E*	1812					
5.7 x 5.0 x 1.5	0.15 - 0.35	B7254*E*	2220					
Not part of a Product		572012						
Not part of a Product	Class							
Contact	Ronner Christoph Important remarks:							
Division	PPD Q QM 1) The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906). Traces a						,	
Address	8530 Deutschlandsberg, AUSTRIA product parts, substances etc. that are below a percentage of 0.1 % by regulated.						gnt, if not otherwise	
	Tel: mailto: +43 3462 800 2139 functional.ppd-eqpm.db@tdk-electronics.tdk.com			· ·				
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			ible means that products are co restriction of the use of certain		-		Directive 2011/65/EU	
RoHS - Exemptions for	or the Product Class / F	Product according to Ar	nnex III: (🗹 valid 🛛 not valid)				
□ Exemption 6 (b): Let □ Exemption 6 (c): Ce □ Exemption 7 (a): Let □ Exemption 7 (c)-I: E	ead as an alloying element in opper alloy containing up to ead in high melting temperat lectrical and electronic comp	n aluminium containing up to 4 % lead by weight; ure type solder (i.e. lead-bas ponents containing lead in a g	ed alloys containing 85 % by weight o	or more lead);		ass or ceramic matrix compound	d;	
Exemption 7 (c)-III: Le	ead in dielectric ceramic in c	apacitors for a rated voltage viable electrical connection b	of 125 V AC or 250 V DC or higher; of less than 125 V AC or 250 V DC; vetween semiconductor die and carrie	r within integrated circuit F	lip Chip packages;			