

Varistor

Material Data Sheet

Product Class	Multilayer Varistor CT-Type B72440P*, B725xxP* 07.10.2019						
Date							
IMDS ID if available							
Version	5.05						
Product Part (IMDS: semi component)	Material Class (IMDS: Material)	Material (Classification) VDA 231	Substance	TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)
Active Part	Ceramic	3B	ZnO Co3O4 Pr6O11 others*)	95 1.5 1 2.5	1314-13-2 1308-06-1 12037-29-5	94	
Inner Electrode	Noble Metal	107	Pd for B72590P5050S*: Ag Pd	100 65 35	7440-05-3 7440-22-4 7440-05-3	1	
Termination	Composite	4D	Ag Glass frit (boro-silicate)	90	7440-22-4 7440-22-4	4.2	
	Heavy Metal Heavy Metal	1C8 1C14	Sn Ni	100	7440-31-5 7440-02-0	0.5	
	riouvy motal	1011	1.0	100	Sum of total	100	
sizes [mm] 0.6 x 0.3 x 0.3	weight range[g] 0.0003	material numbers B72440P*	part numbers 0201	sizes [mm] 1.0 x 0.5 x 0.5 1.6 x 0.8 x 0.8	weight range[g] 0.002 0.006	material numbers B725xxP* B725xxP*	part numbers 0402 0603
Not part of a Product (Class				0.000	2.2000	
Contact	Ronner Christoph Important remarks:						
Division	PPD Q QM			The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906). Traces are			
Address	8530 Deutschlandsberg	g, AUSTRIA		product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated. 2) 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 based on our			
*\ ath ave. /act alcelevels	Tel: +43 3462 800 2139 le or prohibited substan	mailto: functional.ppd-eqpm.db@t	dk-electronics.tdk.com				
) buters. (not declarable **) typical mass percent		ites acc. GADSL)		best present knowledge and cannot be regarded as binding statements or 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 WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PURPOSE.			
			ible means that products are correstriction of the use of certain				of Directive 2011/65/EU
	ead as an alloying element in sed as an alloying element in opper alloy containing up to sead in high melting temperat ectrical and electronic comp sead in dielectric ceramic in c sead in dielectric ceramic in c	n steel for machining purpose n aluminium containing up to 4 % lead by weight; ture type solder (i.e. lead-bas conents containing lead in a gapacitors for a rated voltage vapacitors for a rated voltage viable electrical connection b	nex III: (☑ valid ☐ not vali	up to 0,35 % lead by weight; or more lead); ceramic in capacitors, e.g. pi	iezoelectronic devices, or in a g	glass or ceramic matrix comp	ound;