

NTC

Product Class	S ID ailable						
Date							
IMDS ID if available							
Version							
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	Mn3O4 NiO Co3O4 others*)	64 17 15 4	1317-35-7 1313-99-1 1308-06-1	89	
Inner Electrode	Noble Metal	1D4	Ag Pd	40-70 30-60	7440-22-4 7440-05-3	1	
Termination	Composite	4D	Ag Glass frit (boro-silicate)	95 5	7440-22-4	7.5	
	Heavy Metal Heavy Metal	1C8 1C14	Sn Ni	100 100	7440-31-5 7440-02-0	1.5 1	
					Sum of total	100	
sizes [mm] 1.6 x 0.8 2.0 x 1.25 3.2 x 1.6 Not part of a Product	weight range [g] 0.004 - 0.006 0.010 - 0.018 0.018 - 0.030 Class	material numbers B57619C5* B57620C5* B57621C5*	case size 0603 0805 1206				
Contact	Ronner Christoph	-		Important remar	ks:		
Division	PPD Q QM 1) The declaration limit is 0.1					by IEC 62474 (IEC PAS 61	906). Traces are
Address	8530 Deutschlandsberg	J, AUSTRIA		product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated.			
*) others: .(not declaral **) typical mass percen	Tel: +43 3462 800 2139 ble or prohibited substan tage of substance	mailto: functional.ppd-eqpm.db@i ces acc. GADSL)	dk-electronics.tdk.com	2) This Material Data Sheet contains typical values of the respective products set forth			
of the European Parlial RoHS - Exemptions; Exemption 6 (a): L Exemption 6 (b): L Exemption 6 (c): C Exemption 7 (c)-L Exemption 7 (c)-L Exemption 7 (c)-L Exemption 7 (c)-L Exemption 7 (c)-L	ment and of the Council or the Product Class / F ead as an alloying element in capper alloy containing up to ead in high metting temperat Electrical and electronic comp ead in dielectric ceramic in c ead in dielectric ceramic in c	of June 8 th , 2011 on the Product according to Au n steel for machining purpose a aluminium containing up to 4 % lead by weight; ure type solder (i.e. lead-bas soonents containing lead in a <u>c</u> apacitors for a rated voltage apacitors for a rated voltage	tible means that products are ca restriction of the use of certain nnex III: (☑ valid □ not valid es and in galvanized steel containing 0,4 % lead by weight; ed alloys containing 85 % by weight jass or ceramic other than dielectric of 125 V AC or 250 V DC or higher; of less than 125 V AC or 250 V DC; between semiconductor die and carri	ompatible with the req hazardous substance d) up to 0,35 % lead by wei or more lead); ceramic in capacitors, e.a	s in electrical and electronic e ight; g. piezoelectronic devices, or in a gl	quipment.	