

## NTC

## **Material Data Sheet**

B571		Inrush Current B57127P*		_		_			_	
		30.09.2019		]						
		5.03								
Product Part (IMDS: semi component)	Material (IMDS N			Substance			TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)
Active Part	Ceramic		3B	Mn3O4 NiO CuO ZnO others*)			60 20 10 5 5	1317-35-7 1313-99-1 1317-38-0 1314-13-2	63	
Termination	Composite		4D	Ag Glass frit (boro-silicate)			95 5	7440-22-4	1	
Solder	Heavy Metal		1C15	Pb +) Sn Sb			91 8 1	7439-92-1 7440-31-5 7440-36-0	6	
Leads	Heavy Metal		1C12	Cu		100	7440-50-8	21		
	Heavy Metal		1C8	Sn			100	7440-31-5	1	
Encapsulation	lation Organic, solid		4B	SiO2 Silicone C.I. Pigment black 28 others*)			82,5 9 6 2,5	60676-86-0 67763-03-5 68186-91-4	8	
	I						1	Sum in total:	100	1
sizes [ mm] 71 x 31 x 7 Not part of a Pr		B57127P* ss B57127P508*	3							
		ph Ronner				ortant remarks:				
					1)	The declaration limit is ( product parts, substance	0.1% as defir es etc. that a	ned by IEC 62474 (IEC re below a percentag	C PAS 61906). <sup>-</sup> e of 0.1 % by w	Traces are eight, if not
	schlandsberg, AUSTR 800 2139 mailto: functio	dk-electronics.tdk.com	2)	otherwise regulated. This Material Data Sheet contains typical values of the respective products set forth						
		or prohibited substanc			2)	herein. We expressly po	pint out that a	all values and stateme	nts contained h	erein are
<ul> <li>**) typical mass percentage of substance</li> <li>+) listed in the Candidate list of Substances of Very High Conce Regulation 1907/2006/EC</li> </ul>				STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTAINE HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PURPOSE.					ting. TDK _AIM ANY OR ONTAINED OR	
						oducts are compatible with striction of the use of certain				
	ions for tl	ne Product Class / Pr	roduct accord	ing to Annex III: (	⊠ va	lid 🛛 not valid )				
<ul> <li>no exemptions;</li> <li>Exemption 6 (a):</li> <li>Exemption 6 (b):</li> <li>Exemption 6 (c):</li> </ul>	Lead as an	alloying element in steel for n alloying element in aluminium v containing up to 4 % lead by	n containing up to 0,	-	containi	ing up to 0,35 % lead by weigh	t,			
Exemption 7 (a):	Lead in high	melting temperature type so	lder (i.e. lead-based							
						ric ceramic in capacitors, e.g. p ar;	piezoelectronic	devices, or in a glass or	ceramic matrix cor	npound;
Exemption 7 (c)-I: Exemption 7 (c)-II: Exemption 7 (c)-III: Exemption 7 (c)-III: Exemption 15:	Lead in diele	ectric ceramic in capacitors for	or a rated voltage of	less than 125 V AC or 2	50 V D	C; arrier within integrated circuit FI	ip Chip packar	les:		