

## Surge Arrester Components

## **Material Data Sheet**

Product Class:		T21-A90XPH B88069X3113B502									
Date		10.03.2020									
IMDS ID if available											
Version:		5.03									
Product Part (IMDS: semi component)	Material Class (IMDS: Material)		Material (Classification) VDA 231	Su	Substance		**)	CAS if applicable	typical mass of material [wt-%]	Traces see 1)	
Active Part	Ceramic Metal		3B 1C11		Al2O3 Cu			1344-28-1 7440-50-8	20 56		
Brazing ring	Metal		1D7	Ag Cu		72 28		7440-22-4 7440-50-8	1.5 0.5		
Plating	Plating		1C8	Sn		100		7440-31-5	1		
Termination	Metal Metal Metal		1C11 1D7 1C8	Cu Ag		95 2.5 2.5		7440-50-8 7440-22-4 7440-31-5	20 0.5 0.5		
Failsafe / Cap /Disc											
sizes [] Ø7.2 X 10 X 13.5	weight rang 2.0g	ge []						Sum in total:	100		
Not part of a pr		SS									
· ·	Mohd Faiz		din			Im	portant remarks	8			
			-			1)			ad by IEC62474( IEC PA	S 61906) Traces are	
Address 1	TDK Electronics (Malaysia) Sdn. Bhd.  11 Jalan Firma 3 Tebrau Ind 4, 81100 JB Malaysia Tel: +60-7-3566629 mailto: mohdfaizal.jamaludin@tdk- electronics.tdk.com declarable or prohibited substances acc. GADSL)						<ol> <li>The declaration limit is 0.1% as defined by IEC62474( IEC PAS 61906). Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated</li> <li>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 best present knowledge and cannot be regarded as binding statements</li> </ol>				
**) typical mass percentage of substance							or binding product specifications, unless otherwise explicitly agreed in writing. EPCOS 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.				
			"RoHS-compatible". Parliament and of the Co				roducts are compa	tible with the requirement	ents according to Art. 4		
			oduct class / produc							• •	
<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 elem	ent in steel for machining pu ent in aluminium containing u up to 4 % lead by weight;		-	el contai	ning up to 0,35 % lead	by weight;			
Exemption 7 (a):	Lead in high	n melting tem	perature type solder (i.e. lead components containing lead i					tors, e.q. piezoelectronic d	evices, or in a class or cera	mic matrix compound:	
Exemption 7 (c)-II:	Lead in diel	ectric cerami	c in capacitors for a rated volt c in capacitors for a rated volt	tage of	125 V AC or 250 V D0	C or high	ier;				
Exemption 15:			ete a viable electrical connect	-							