

## **Cera Diodes**

Product Class	Cera Diodes B725xxD* (HDMI) (suffix V9) 07.10.2019						
Date							
IMDS ID if available							
Version	5.05						
Product Part (IMDS: semi component)	Material Class (IMDS: Material)	<b>Material</b> (Classification) VDA 231	Substance	TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)
Active Part	Ceramic	3B	ZrO2 ZnO B2O3 Bi2O3 Sb2O3 Co3O4 NiO others*)	54 35 3 2 0.5 0.5 2	1314-23-4 1314-13-2 1303-86-2 1304-76-3 1309-64-4 1308-06-1 1313-99-1	94	
Inner Electrode	Noble Metal	1D7	Ag	75-90	7440-22-4	1	
Termination	Composite	4D	Pd Ag Glass frit (boro-silicate)	10-25 90 10	7440-05-3 7440-22-4	4.2	
	Heavy Metal	1C8	Sn	100	7440-31-5	0.5	
	Heavy Metal	1C14	Ni	100	7440-02-0	0.3	
					Sum of total	100	
<b>sizes [ mm]</b> 1.0 x 0.5 x 0.5	weight range [ g ] 0.002	material numbers B72590D0050H*	part numbers CDS2C05HDMI1 CDS2C05HDMI2	<b>sizes [ mm]</b> 1.6 x 0.8 x 0.8	weight range [ g ] 0.006	material numbers B72500D0050H*	part numbers CDS3C05HDMI1
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 are			
Address	8530 Deutschlandsberg, AUSTRIA product parts, substances etc. that are below a percentage of 0.1 % by weight, if not regulated.						weight, if not otherwise
	Tel: +43 3462 800 2139	mailto: functional.ppd-eqpm.db@t	dk-electronics.tdk.com	2) This Material Data Sheet contains typical values of the respective products set forth			
*) others: .(not declarable or prohibited substances acc. GADSL) **) typical mass percentage of substance				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 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 co restriction of the use of certain				of Directive 2011/65/EU
			nnex III: ( 🗹 valid 🛛 not valid				
D         no exemptions;           Exemption 6 (a):         Le           Exemption 6 (b):         Le           Exemption 6 (c):         Cc           Exemption 7 (a):         Le           Exemption 7 (c):         Ele           Exemption 7 (c):         Ele           Exemption 7 (c):         Ele           Exemption 7 (c):         Ele	ad as an alloying element in ad as an alloying element in opper alloy containing up to 4 ad in high melting temperatu ectrical and electronic comp ad in dielectric ceramic in c ad in dielectric ceramics in c ad in solders to complete a	a steel for machining purpose a aluminium containing up to 4 % lead by weight; are type solder (i.e. lead-bas onents containing lead in a g apacitors for a rated voltage apacitors for a rated voltage viable electrical connection b	s and in galvanized steel containing	up to 0,35 % lead by weight; or more lead); seramic in capacitors, e.g. pi	ezoelectronic devices, or in a g	lass or ceramic matrix comp	bund;