

MKP Film Capacitor

Material Data Sheet

Motor run round B32314xx	
18/11/2019	
NA	A Constraint of the second sec
5.02.1a (03/2019)	20- <u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
	B32314xx 18/11/2019 NA

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	Thermoplastic	2A	Polypropylene	100	9003-07-0	31,9	
	Light Metal	1B	Aluminum	100	7429-90-5	2,5	
	Light Metal	1C	Zinc	100	23713-49-7	5,4	
	Ceramic	4D1	Resistive Material	100	-	0,2	
	Heavy Metal	1C	Copper	100	7440-50-8	0,3	Sn
Encapsulation	Polymer	2A	Polypropylene	90	26062-94-2	10.1	
	-	-	others*)	10	-	13,1	
	Thermoplastic	2A	Polyurethane resin	100	9009-54-5	31,6	
Termination	Heavy Metal	1C	Tin	99,3	7440-31-5	4.4	
	Heavy Metal	1C	Copper	0,7	7440-50-8	4,4	
	Heavy Metal	1C	Copper	100	7440-50-8	3,8	
	Heavy Metal	1C	Tin	100	7440-31-5	0,4	
	Thermoplastic	2A	PVC	90	9002-86-2	5,4	
	-	-	others*)	10	-	5,4	

							Sur	n in total:	100	
sizes []	weight range []	part numbers	weight range []	sizes []		part numbers	sizes []	weight range []	part numbers	
50 x 30 mm	40 g	B32314C1116J 76							B32314*	
Not part of	a Product Class									
Contact	Perosa, Eduardo				Important remarks:					
Division	CAP FILM, (GTI EPQM)				1)	1) The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906). Tra				
Address	TDK Electronics do Brasil Ltda,			product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated.						
	Bernardo Joaquim Ferreira, 624 – Gravataí, RS, Brazil				2)	This Material D	the respective products set forth			
	Tel: +55 51 3484 7337		eduardo.perosa@tdk- nics.tdk.com			tatements contained herein are be regarded as binding statements				
*) others: .(r	not declarable or prohit	pited substances a	cc. GADSL)		1				explicitly agreed in writing. TDK Y EXPRESSLY DISCLAIM ANY	
**) typical mass percentage of substance				REPRESENTATION OR WARRANTY, WHETHER EXPRESS, IMPLIED O STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CO HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION O WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PURPC						

The products set forth herein are "RoHS-compatible". RoHS-compatible means that products are compatible with the requirements according to Art. 4 (substance restrictions) of Directive 2011/65/EU of the European Parliament and of the Council of June 8th, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

RoHS - Exemptions for the Product Class / Product according to Annex III: (🗹 valid 🗆 not valid)

☑ no exemptions;

Exemption 6 (a): Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight;

Exemption 6 (b): Lead as an alloying element in aluminium containing up to 0,4 % lead by weight;

Exemption 6 (c): Copper alloy containing up to 4 % lead by weight;

Exemption 7 (a): Lead in high melting temperature type solder (i.e. lead-based alloys containing 85 % by weight or more lead);

Exemption 7 (c)-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound;

Exemption 7 (c)-II: Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher;

Exemption 7 (c)-III: Lead in dielectric ceramic in capacitors for a rated voltage of less than 125 V AC or 250 V DC;

Exemption 15: Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages;

Other Exemption than above