

MKK Film Capacitor

Material Data Sheet

Product Class	Film capacitors B25675xx PhaseCap Energy
Date	18/11/2019
IMDS ID if available	NA
Version	5.02.1a (03/2019)

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	PP	100	9003-07-0	33	
	Heavy metal	1C	Zn	94	7440-66-6	1.2	
		1B	AL	6	7429-90-5		
	Thermoplastic	2A	Polyamide	100	628-02-4	1.4	
	Heavy metal	1C	Zn	100	7440-66-6	9	
	Light metal	1B	Al	97	7429-90-5	3	
Encapsulation			Mg	3	7439-95-4	3	
	Thermoplastic	2A	Polyamide	100	628-02-4	5	
	Organic solid	4B	Adhesive & Sealers	100	7727-37-9	0.1	
	Light metal	1B	Al	100	7429-90-5	12	
	Duromer	2D	Polyurethane	100		22	
	Thermoplastic	2A	Polyester	100	25038-59-9	1	
	Iron & Steel	1A	Fe	100	7439-89-6	0.2	
Termination	Heavy metal	y metal 1C	Sn	99.3	7440-31-5	0.8	
			Cu	0.7	7440-50-8		
	Heavy metal	1C	Cu	99.8	7440-50-8	0.9	
			Sn	0.2	7440-31-5	0.9	
	Heavy Metal	1C	Cu	100	7440-50-8	3.5	
	Thermoplastic	2A	Polyamide	95	628-02-4	2.3	
	Heavy Metals	1A	Fe	5	7439-86-6	2.0	
	Mineral material	3B	Ceramic	100	13376-74-4		
	Llegan Metale	1C	Brass Alloy	97		2.6	
	Heavy Metals	1C	Pb	3	7439-92-2		
Mounting Part	Iron & Steel	1A	Fe	98	7439-89-6	1	
	Heavy metal	1C	Zn	2	7440-66-6		
					Sum in total:	100	

sizes [mm]	weight range [kg]	Part Number						
75 x 164	0.9	85 x 200	1.3	100 x 224	2.1	125 x 192	2.8	B25675xx
75 x 185	1.0	85 x 218	1.5	116 x 192	2.4	125 x 207	3.0	
75 x 200	1.1	100 x 192	1.8	116 x 207	2.6	136 x 192	3.3	
75 x 218	1.1	100 x 207	1.9	116 x 224	2.8	136 x 207	3.6	
85 x 185	1.2							

Not part of a Product Class

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 $[\]ensuremath{^{*}}\xspace)$ others: .(not declarable or prohibited substances acc. GADSL)

Important remarks:

- The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906). Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated
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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.

^{**)} typical mass percentage of substance



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