

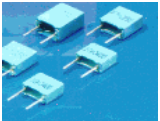


EPCOS

MKP Film Capacitors (Boxed)

Product Family Name	Film Capacitors B3265x / B3267x B3292x / B3202 x B3291x / B81xxx series			
Date	04.01.07			
Version	1.4			

Construction Element	Material group	Materials	CAS if applicable	Min. mass [wt-%]	Average mass [wt-%]	Max. mass [wt-%]	Sum [%]	Traces	
Active Part	Metals	Al or Zn metal spraying (depending on specific type)	7429-90-5 (Al) 7440-66-6 (Zn)	5 9	6 (Al) 10 (Zn)	7 11	38		
		SnCu3 metal spraying		11 7	12 (if Al) 8 (if Zn)	13 9			
		Polymer	PP film material	9003-07-00		20			
Encapsulation	Polymers	Epoxy resin (50 % Al (OH) ₃ filled)		21	22	23	54		
		PBT plastic box	26062-94-2	25	26	27			
		Compounds (part of PBT plastic box)	N'N ethylene bis tetra bromo phtalamide	32588-76-4	4	5			6
		Oxide (part of PBT plastic box)	Sb ₂ O ₃	1309-64-4	0,5	1			1,5
Termination	Metals	Cu or Fe-Cu (depending on specific type)		7	7,5	8	8		
		Sn coating	7440-31-5	0,4	0,5	0,6			
							100		

Case sizes and weight range (example values):	D x L x H [mm]	Weight [g]	
	LS 5	7,2 x 2,5 x 6,5	0,2
	LS 7,5	10,0 x 3,0 x 8,0	0,4
	LS 10	13,0 x 4,0 x 9,0	0,7
	LS 15	18,0 x 9,0 x 17,5	4,5
	LS 22,5	26,5 x 11,0 x 20,5	9,0
	LS 2,5	31,5 x 14,0 x 24,5	16,0
	LS 37,5	41,5 x 18,0 x 32,0	29,0

Company	EPCOS AG	Important remarks: 1) Traces are product parts, substances etc. that are below a percent tage of 0.1 % by weight, if not otherwise regulated (see note no. 2). 2) A list of the (legal) "... restrictions on substances ..." or materials is available at internet address of the EICTA organisation (C4E List) 3) All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment.
	Dr. Gerd Schulz, Director EH&S, Dep. TQ	
Phone / Fax	+49 89 636 22274 / +49 89 636 28484	
mail	mailto:gerd.schulz@epcos.com	

The components are RoHS-compatible, what means compatible with the requirements of the directives listed below and with the requirements of the provisions which will result from transformation of the directives into national law to the extent such provisions reflect the Regulations. Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("Directive 2002/95/EC"); Commission Decision of 18 August 2005 amending Directive 2002/95/EC (2005/618/EC); Commission Decision of 13 October 2005, of 21 October 2005, of 21 February 2006 amending the Annex to Directive 2002/95/EC (2005/717/EC; 2005/747/EC, 2006/310/EC).