


Inductive Components

Material Data Sheet

Product Family Name	Ring Core Chokes for Power Lines B82720-A/K2*	
Date	13.09.2006	
Version	01	

Construction Element	Material group	Materials	CAS if applicable	mass [weight-%]			Sum [%]	Traces
				min	typical	max		
Active Part								
	Ceramics	Mg-Zn-Ferrite	12645-49-7	38,4	42,4	46,9	42,4	
Encapsulation								
	Polymer	Polycarbonate	25971-63-5	23,6	26,1	30,0	38,1	
	Polymer	PU-resin	900-54-5	10,9	12	13,2		
Termination / Conductors								
	Metal	Alloy CuNi18Zn20	39412-78-7	2,6	3,5	4,3	17,9	
	Metal	Cu (wire)	7440-50-8	8,8	14,2	19,2		
	Metal	Ni	7440-02-0		<0,1			√
	Metal	Sn	7440-31-5		<0,1			√
Internal Connection								
	Metal	Sn	7440-31-5	1,4	1,6	1,8	1,6	
						total:	100	

Case sizes:	B x L x H [mm]	Approx. weight [g]
B82720-A2xxx-Nxxx	14,2 x 14,2 x 9,6	2,5
B82720-K2xxx-Nxxx	9,5 x 13,3 x 14,3	2,5
	max.	

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.
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The component is 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).