EPCOS

Electronic Parts and Components

Inductive Components

Material Data Sheet

Product Family Name	SMT – Data line chokes B82792*
Date	13.09.2006
Version	01

Construction Element	Material group	Materials	CAS if applicable	mass [weight-%] min	typical	max	Sum [%]	Traces
Active Part							15,6	
	Ceramics	Mn-Zn-Ferrite	12645-49-7	12,9	15,6	18,1		
Encapsulation							38,9	
	Polymer	LCP	90967-43-4	24,9	31,1	35,1		
	Polymers	Silicone resin	63148-62-9	6,5	7,8	9,1		
Termination / Conductors							45,5	
	Metal	Cu (wire)	7440-50-8	18,2	30,7	41,9		
	Metal	Cu	7440-50-8	9,4	11,3	13,2		
	Metal	Sn	7440-31-5	2,7	3,2	3,8		
	Metal	Ni	7440-02-0		<0,1			
					total:		100	

Case sizes:	W x L x H [mm]	Approx. weight [g]
B82792-C0xxx-N4xx	10,5 x 14,4 x 7,3 max	1,3
B82792-C2xxx-N4xx		

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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.

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).