


Inductive Components

Materials Data Sheet

Product Family Name	B82559Axx HPI13/ERU13	
Date	21.12.2006	
Version	01	

Construction Element	Material group	Materials	CAS if applicable	mass [weight-%]			Sum [%]	Traces
				min	typical	max		
Active Part							62,5	
	Ceramics	Ferrite	12645-49-7	50	62,5	75		
Encapsulation							2,5	
	Plastics	Epoxy resin	25928-94-3	0,4	0,7	1,0		
		Polyimide	26298-81-7	1,6	1,8	2,0		
Termination / Conductors							35	
	Nonferrous metals, other metals	Cu	7440-50-8	25	31,5	37		
		Sn	7440-31-5	1,7	2,1	2,5		
		Ag	7440-22-4	1,1	1,4	1,7		
Sum in total:							100	

Case sizes:	D x L x H [mm]	appr. weight [g]	Case sizes:	D x L x H [mm]	appr. weight [g]
B82559A0951A013(T0639)	13,2 x11 x4,95	2,8	B82559A0142A013(T0640)	13,2 x11 x4,95	3,2
B82559A0501A013(T0635)	13,2 x11 x4,95	2,4	B82559A0112A013(T0636)	13,2 x11 x4,95	2,3
B82559A0392A013(T0642)	13,2 x11 x4,95	2,7	B82559A4102A013(T1567)	13,2 x11,2 x6	3,2
B82559A0302A013(T0638)	13,2 x11 x4,95	2,4	B82559A3681A013(T1926)	13,2 x11,2 x6	2,8
B82559A0242A013(T0641)	13,2 x11 x4,95	2,8	B82559A3601A013(T1773)	13,2 x11,2 x6	2,7
B82559A0222A013(T0637)	13,2 x11 x4,95	2,2			

Company	EPCOS AG	Important remarks: 1) Traces are product parts, substances etc. that are below a percentage 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: http://www.eicta.org/issue.asp?level2=47&level1=3&level0=1&docid=441 3) Substances, materials etc. with possible harmful effects on human beings and the environment are listed. 4) There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc. 5) 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	
<p>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.</p> <p>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 and of 21 October 2005 amending the Annex to Directive 2002/95/EC (2005/717/EC; 2005/747/EC).</p>		