


# EPCOS

# SMT Inductor

Product Family Name	B82422-A****-+100 (1210) B82422-H****-+100 B82422-T....	
Date	06.12..2004	
Version	1.00	

Construction Element	Material group	Materials	CAS if applicable	min	typical mass [wt-%]	max	Sum [%]	Traces
Active Part	Metals	Copper wire (enameled)	7440-50-8	7	12	27	39	
	Compounds	NiZn (Ceramic-)Ferrite	12645-50-0		27			
Encapsulation	Polymers				55		55	
Termination	Metals	CuSn6 lead frame			4		6	
	Metals	Cu (intermediate layer)	7440-50-8	0,4um	<1			
	Metals	Ag (intermediate layer)	7440-22-4	1-2um	<1			
	Metals	Sn (solder finish)	7440-31-5	5-7um	<1			
					Sum in total:	100	100	

Types and weight range:	Type	B x L x H [mm]	Weight [mg]
	B82422-A3330-+100	2,5x3,2x2	45
	B82422-A3471-+100	2,5x3,2x2	45
	B82422-A1102-+100	2,5x3,2x2	45
	B82422-A1473-+100	2,5x3,2x2	50

Not part of package family	----- ----- ----- -----

Company	EPCOS AG	<b>Important remarks:</b> 1) Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2). 2) A list of the (legal) "... restrictions on substances ..." or materials is available at internet address: <a href="http://www.eicta.org/Content/Default.asp?PageID=113">http://www.eicta.org/Content/Default.asp?PageID=113</a> . 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.
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