

EPCOS

SMT Power Inductor

Product Family Name	B82472-G6.....	
Date	03.06.2004	
Version	1.00	

Construction Element	Material group	Materials	CAS if applicable	min	typical mass [wt-%]	max	Sum [%]	Traces
Active Part	Metals	Copperwire (enamelled)	7440-50-8	6	15	18	88	
	Compounds	Ferrite Fe ₂ O ₃ /NiO/ZnO	12645-50-0	71	73	81		
Termination	Metals	CuSn6		8,5	9	10	12	
	Metals	Ni (plating)	7440-02-0		<0,1			
	Metals	Sn (solder finish)	7440-31-5		<1			
	Metals	Sn (connection)	7440-31-5		1,5			
	Polymer	Epoxid			1,5			
Sum in total:							100	

Types and weight range:	Type	B x L x H [mm]	Weight [g]
	B82472-G6102-M	7,3 x 7,3 x 4,5	0,72
	B82472-G6104-M	7,3 x 7,3 x 4,5	0,81
	B82472-G6105-M	7,3 x 7,3 x 4,5	0,83

Not part of package family -----

Company	EPCOS AG	Important remarks: 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). A list of the (legal) "... restrictions on substances ..." or materials is available at internet address: http://www.eicta.org/Content/Default.asp?PageID=113 . 2) Substances, materials etc. with possible harmful effects on human beings and the environment are listed. 3) 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. 4) 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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