



Electronic Parts and Components

Ferrite

Product Family Name	Manganese Zinc Ferrite Cores, uncoated	Part Numbers: EPCOS: B64..... B66.....*) B62 B65.....*) B67*)
Date	10/09/2006	
Version	1.3	

Construction Element	Material group	Materials	CAS if applicable	min	typical mass [wt-%]	max	Sum [%]	Traces
Active Part	Ceramic	(FeO, MnO, ZnO) _x (Fe ₂ O ₃) _y <u>MnZn-Ferrites</u> Fe ₂ O ₃ (70%), MnO(25%), ZnO(5%)	12645-49-7	-	100	-	100	
Sum in total:							100	

<p>Remark #1</p> <p>The following elements may be present in traces up to low percentages: cobalt, barium, copper, silicon, vanadium, aluminium, calcium. Neither lead, cadmium or mercury or its compounds, nor hexavalent chromium are added. Normally the details of composition are manufacturers property and treated as confidential.</p> <p>Case Size at page 2</p>	
<p>*) Not part of package family</p>	<p>Without accessories, only ferrite cores</p>

Company	Dr. G.Schulz	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). 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) 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 and of 21 October 2005 amending the Annex to Directive 2002/95/EC (2005/717/EC; 2005/747/EC).



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Case sizes:	D x L x H [mm]	Approx. weight [g]
RM cores	11x9 – 42.2x27	1.6 – 74
PM cores	50x39 – 114x93	140 – 1940
EP, EPX, EPO cores	5.7x6.15x3.9 – 21.6x24.5x15.3	0.5 – 27
P cores	3.35x2.6 – 41x25	0.06 – 82
TT/PR cores	14.3x8.5 – 30.5x19	3.2 – 33.3
E cores	5.3x5.25x2 – 66.4x70.5x32	0.12 – 514
ELP cores	7x14x5 – 20.4x53.6x50.8	1.6 – 210
ER cores	5x9x6 – 37x53.5x18.3	0.6 – 146
ETD cores	16x30.6x9.8 – 31.2x59.8x22.1	28 – 260
EC cores	17.45x34.5x9.8 – 34.65x70x16.8	36 – 252
EFD cores	5.2x10.5x2.7 – 15x22.4x9.1	0.8 – 24
EV cores	9x14.8x7 – 16.4x29.7x12.5	5.7 – 37
U and UI cores	92x28x93 – 108.5x30x141	600 – 2500