



Electronic Parts and Components

## Inductive Components

## Materials Data Sheet

Product Family Name	B78344*** Planar-transformer
Date	02.12.2005
Version	02

Construction Element	Material group	Materials	CAS if applicable	mass [weight-%]			Sum [%]	Traces
				min	typical	max		
<b>Active Part</b>							<b>81</b>	
	Ceramics	Ferrite	12645-49-7	58	66	74	66	
	PCB	Epoxy		5.5	6	6.5	6	
		Copper	7440-50-8	8.5	9	9.5	9	
<b>Encapsulation</b>							<b>3.3</b>	
	Polymer	Silicone		1.4	1.5	1.6	1.5	
	Polymer	Epoxy		1.75	1.8	1.85	1.8	
<b>Termination</b>							<b>15.7</b>	
	Solder	Sn (99.3%)	7440-31-5	6.5	7	7.5	7	
		Cu (0.7%)	7440-50-8					
	Pin	Sn (93.5%)	7440-31-5	7.5	8	8.5	8	
		Cu (6.4%)	7440-50-8					
		Ni (0.1%)	7440-02-0					
	Copper tape	Sn (1%)	7440-31-5	0.6	0.7	0.8	0.7	
		Cu (99%)	7440-50-8					
Sum in total:							<b>100</b>	

Case sizes:	D x L x H [mm]	appr. weight [g]
B78344A1693A003 (W321)	19.5 X 30 X 7.7	6.8

Company	EPCOS AG	<b>Important remarks:</b> 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: <a href="http://www.gadsl.org">http://www.gadsl.org</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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