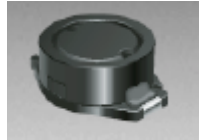


MATERIAL DECLARATION SHEET



Material Number	SRR0804-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.07.01			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ferrite Material	F4D	400	Iron oxide (Fe ₂ O ₃)	1309-37-1	60	41.4	69
				Nickel oxide (NiO)	1313-99-1	10	6.9	
				Zinc oxide (ZnO)	1314-13-2	20	13.8	
				Copper oxide(CuO)	1317-38-0	10	6.9	
2	Winding Wire	2SFBW	75	Copper (Cu)	7440-50-8	95	12.4	13
				Polyester Resin	N/A	5	0.6	
3	Solder	Lead free-solder	5	Tin (Sn)	7440-31-5	96.5	0.772	0.8
				Silver (Ag)	7440-22-4	3	0.024	
				Copper (Cu)	7440-50-8	0.5	0.004	
4	BASE	LCP-E4008	50	Aromatic polyester resin	6088-52-0	100	8.6	8.6
5	BASE Terminal Electrode	C5191/ Sn/ Ni	15	Phosphor bronze	N/A	90	2.3	2.6
				Tin (Sn)	7440-31-5	7	0.2	
				Nickel (Ni)	7440-02-0	3	0.1	
6	GAP	LCP-E4008	20	Aromatic polyester resin	6088-52-0	100	3.4	3.4
7	Adhesive	6020H-2	15	Bisphenol A Epoxy Resin	25068-38-6	63	1.64	2.6
				Alkyd glycidyl ether	68609-97-2	3	0.08	
				Methyl imidazole	693-98-1	5	0.13	
				Carbon black	1333-86-4	3	0.08	
				Silicone dioxide	7631-86-9	26	0.67	

MATERIAL DECLARATION SHEET



Total weight	580
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This Document was updated on: 10-28-2010

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version