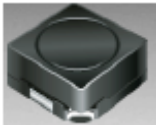


# MATERIAL DECLARATION SHEET



Material Number	SRR0604-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.07.03			
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	495	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	60	44.6	74.3
				Nickel oxide (NiO)	1313-99-1	10	7.4	
				Zinc oxide (ZnO)	1314-13-2	20	14.9	
				Copper oxide(CuO)	1317-38-0	10	7.4	
2	Winding Wire	2SFBW	86	Copper (Cu)	7440-50-8	95	12.3	13
				Polyester Resin	N/A	5	0.7	
3	Solder	Lead free-solder	3	Tin (Sn)	7440-31-5	96.5	0.386	0.4
				Silver (Ag)	7440-22-4	3	0.012	
				Copper (Cu)	7440-50-8	0.5	0.002	
4	BASE	LCP-E4008	50	Aromatic polyester resin	6088-52-0	100	7.5	7.5
5	BASE Terminal Electrode	C5191/Sn/ Ni	15	Phosphor bronze	N/A	90	2.07	2.3
				Tin (Sn)	7440-31-5	7	0.16	
				Nickel (Ni)	7440-02-0	3	0.07	
6	Adhesive	6020H-6-3	10	Bisphenol A Epoxy Resin	25068-38-6	63	0.945	1.5
				Alkyd glycidyl ether	68609-97-2	3	0.045	
				Methyl imidazole	693-98-1	5	0.075	
				Carbon black	1333-86-4	3	0.045	
7	TUBE	SUMITUBE -A-	7	Silicon dioxide	7631-86-9	26	0.39	1
				Polyethylene	N/A	100	1	

# MATERIAL DECLARATION SHEET

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Total weight	666
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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