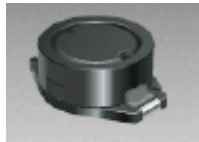


# MATERIAL DECLARATION SHEET



Material Number	SRR1003-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.06.30			
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	570	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	60	39	65
				Nickel oxide (NiO)	1313-99-1	10	6.5	
				Zinc oxide (ZnO)	1314-13-2	20	13	
				Copper oxide(CuO)	1317-38-0	10	6.5	
2	Winding Wire	2SFBW	85	Copper (Cu)	7440-50-8	95	9.5	10
				Polyester Resin	N/A	5	0.5	
3	Solder	Lead free-solder	5	Tin (Sn)	7440-31-5	96.5	0.965	1
				Silver (Ag)	7440-22-4	3	0.03	
				Copper (Cu)	7440-50-8	0.5	0.005	
4	BASE	LCP-E4008	150	Aromatic polyester resin	6088-52-0	100	17	17
5	BASE Terminal Electrode	C5191/Sn/Ni	50	Phosphor bronze	N/A	90	4.5	5
				Tin (Sn)	7440-31-5	7	0.35	
				Nickel (Ni)	7440-02-0	3	0.15	
6	Adhesive	6020H-6-3	20	Bisphenol A Epoxy Resin	25068-38-6	63	1.26	2
				Alkyd glycidyl ether	68609-97-2	3	0.06	
				Methyl imidazole	693-98-1	5	0.1	
				Carbon black	1333-86-4	3	0.06	
				Silicon dioxide	7631-86-9	26	0.52	

# MATERIAL DECLARATION SHEET

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Total weight	880
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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.