


# MATERIAL DECLARATION SHEET



Material Number	SRR1205-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.07.02			
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	1490	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	60	36.48	60.8
				Nickel oxide (NiO)	1313-99-1	10	6.08	
				Zinc oxide (ZnO)	1314-13-2	20	12.16	
				Copper oxide(CuO)	1317-38-0	10	6.08	
2	Winding Wire	2SFBW	450	Copper (Cu)	7440-50-8	95	17.5	18.4
				Polyester Resin	N/A	5	0.9	
3	Solder	Lead free-solder	10	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	200	Aromatic polyester resin	6088-52-0	100	8.2	8.2
5	BASE Terminal Electrode	C5191/Sn/Ni	160	Phosphor bronze	N/A	90	5.9	6.5
				Tin (Sn)	7440-31-5	7	0.4	
				Nickel (Ni)	7440-02-0	3	0.2	
6	TAPE	#560S	30	Nomex	N/A	100	1.2	1.2
7	Adhesive	6020H-2	110	Bisphenol A Epoxy Resin	25068-38-6	63	2.835	4.5
				Alkyd glycidyl ether	68609-97-2	3	0.135	
				Methyl imidazole	693-98-1	5	0.225	
				Carbon black	1333-86-4	3	0.135	
				Silicon dioxide	7631-86-9	26	1.17	
Total weight			2450					

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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.