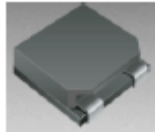


# MATERIAL DECLARATION SHEET



Material Number	SRR1305 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	N2J	1860	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	57	39.3	69
				Manganese oxide (MnO)	1344-43-0	28	19.3	
				Zinc oxide (ZnO)	1314-13-2	15	10.4	
2	Winding Wire	EDFR52-X	660	Copper (Cu)	7440-50-8	90	22	24.4
				Acryl Resln	NA	5	1.2	
				Polyester-imide Resin	NA	5	1.2	
3	Solder	Lead free-solder	15	Tin (Sn)	7440-31-5	96.5	0.579	0.6
				Silver (Ag)	7440-22-4	3	0.018	
				Copper (Cu)	7440-50-8	0.5	0.003	
4	BASE Terminal Electrode	C5191/Ag/ Ni	50	Phosphor bronze	N/A	90	1.8	2
				Silver (Ag)	7440-22-4	5	0.1	
				Nickel (Ni)	7440-02-0	5	0.1	
5	Adhesive	6020H-6-3	115	Bisphenol A Epoxy Resin	25068-38-6	63	2.52	4
				Alkyd glycidyl ether	68609-97-2	3	0.12	
				Methyl imidazole	693-98-1	5	0.2	
				Carbon black	1333-86-4	3	0.12	
				Silicon dioxide	7631-86-9	26	1.04	

# MATERIAL DECLARATION SHEET

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Total weight	2700
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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.