


MATERIAL DECLARATION SHEET



Material Number	SRF0703-Series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2010/7/20			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Core	DN50B	0.532	Iron oxide (Fe ₂ O ₃)	1309-37-1	70%	60.16	85.93
				Manganese oxide (MnO)	1317-35-7	22%	18.90	
				Zinc oxide (ZnO)	1314-13-2	8%	6.87	
2	Wire	P180-G2	0.020	Copper (Cu)	7440-50-8	95%	3.07	3.23
				Polyurethane resin	9009-54-5	5%	0.16	
3	BASE	LCP E4008	0.047	Aromatic polyester resin	60088-52-0	100%	7.60	7.60
4	Adhesive	6020H-6-3-NH	0.010	Bisphenol A Epoxy Resin	25068-38-6	59%	0.96	1.62
				Alkyd glycidyl ether	68609-97-2	4%	0.06	
				Methyl imidazole	693-98-1	10%	0.16	
				Carbon black	1333-86-4	5%	0.08	
				Silicon dioxide	7631-86-9	22%	0.36	
5	SOLDER	Lead free solder	0.010	Tin (Sn)	7440-31-5	96.5%	1.56	1.62
				Silver (Ag)	7440-41-6	3%	0.05	
				Copper (Cu)	7440-50-8	0.5%	0.01	
			Total weight	0.619				

This Document was updated on: 2010/7/20

Important remarks:

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