


MATERIAL DECLARATION SHEET



Material Number	SRF0703 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2014/06/25			
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	Ferrite Material	T2	0.25	Iron oxide	1309-37-1	52.0	21.67	41.67
				Zinc oxide	1314-13-2	15.0	6.25	
				Copper oxide	1344-70-3	17.0	7.08	
				Manganese oxide	1344-43-0	16.0	6.67	
2	Winding Wire	P180	0.09	Copper	7440-50-8	95.0	6.667	15.00
				Polyurethane Resin	26680-22-8	5.0	14.25	
3	Base	LCP-E4008	0.12	Aromatic polyester resin	60088-52-0	100.0	0.75	20.00
4	Terminal	C5191	0.1	Copper	7440-50-8	93.6	20	16.67
				Tin	7440-31-5	6.2	15.6	
				Phosphorus	7723-14-0	0.2	1.033	
5	Adhesive	6020H-6-QR-NH	0.01	Bisphenol A Epoxy Resin	25068-38-6	59.0	0.9853	1.67
				Alkyd glycidyl ether	68609-97-2	4.0	0.0668	
				Methyl imidazole	693-98-1	10.0	0.167	
				Carbon black	1333-86-4	5.0	0.0835	
				Silicon dioxide	7631-86-9	22.0	0.3674	

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6	Adhesive	A-400-36-LH	0.01	Epoxy resin	25068-38-6	62.5	1.0438	1.67
				Calcium carbonate	1317-65-3	33.3	0.5561	
				Thermoplastic copolymer	Trade secret	4.2	0.0701	
7	Adhesive	EL4355-08	0.01	Bisphenol A epoxy resin	25085-99-8	54.3	0.90681	1.67
				Dicyanodiamide	461-58-5	7.6	0.12692	
				3-Glycidoxypropyltri methoxysilane	2530-83-8	3.3	0.05511	
				Aluminum hydroxide	21645-51-2	32.6	0.54442	
8	Solder bar	308H	0.01	Carbon Black	1333-86-4	2.2	0.03674	1.67
				Tin	7440-31-5	99.0	1.6533	
				Silver	7440-22-4	0.5	0.00835	
				Copper	7440-50-8	0.5	0.00835	
			Total weight			0.6		

This Document was updated on: 2014/06/25

Important remarks:

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