


MATERIAL DECLARATION SHEET



Material Number	SRF1306 series			
Product Line	SMD Line Filter			
Compliance Date	1-8-2009			
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	Ferrite	0.203	Iron oxide (Fe ₂ O ₃)	1309-37-1	65	15.6	24
				Nickel oxide (NiO)	1313-99-1	5	1.2	
				Zinc oxide (ZnO)	1314-13-2	20	4.8	
				Copper oxide (CuO)	1317-38-0	10	2.4	
2	Wire	Copper wire	0.13	Copper (Cu)	7440-50-8	95	14.25	15
				Polyurethane resin	9009-54-4	5	0.75	
3	Terminal	Lead-free solder	0.01	Tin (Sn)	7440-31-5	96.5	1.129	1.1
				Silver (Ag)	7440-22-4	3	0.035	
				Copper (Cu)	7440-50-8	0.5	0.006	
4	Base	Aromatic polyester resin	0.479	Liquid Crystal Polymer	70679-92-4	100	56	56
5	Adhesive	Epoxy	0.033	Bisphenol A type epoxy resin	25068-38-6	63	2.431	3.9
				Alkyl glycidyl ether	68609-97-2	3	0.116	
				2- methylimidazole	693-86-4	5	1.93	
				Carbon black [C]	1333-86-4	3	0.116	
				Silica amorphous (SiO ₂)	7631-86-9	26	1.003	
		Total weight	0.855					

This Document was updated on: May 13, 2009

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