

MATERIAL DECLARATION SHEET



Material Number	SRF0905 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	0.069	Iron oxide (Fe ₂ O ₃)	1309-37-1	66	9.87	14.96
				Nickel oxide (NiO)	1313-99-1	9	1.35	
				Zinc oxide (ZnO)	1314-13-2	21	3.14	
				Copper oxide (CuO)	1317-38-0	4	0.6	
2	Wire	Copper wire	0.055	Copper (Cu)	7440-50-8	95	11.31	11.9
				Polyurethane resin	9009-54-4	5	0.59	
3	Terminal	Lead-free solder	0.012	Tin (Sn)	7440-31-5	96.5	2.509	2.6
				Silver (Ag)	7440-22-4	3	0.078	
				Copper (Cu)	7440-50-8	0.5	0.013	
4	Base	LCP	0.305	Liquid crystal polymer	70679-92-4	60	39.72	66.2
				glass fiber	65997-17-3	30	19.86	
				Carbon black [C]	1333-86-4	10	6.62	
5	Adhesive	Epoxy	0.02	Epoxy resin	25928-94-3	47	2.04	4.34
				Carbon black [C]	1333-86-4	3	0.13	
				Calcium carbonate (CaCO ₃)	471-34-1	50	2.17	
Total weight			0.461					

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.