

# MATERIAL DECLARATION SHEET



Material Number	SRF0602 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	0.011	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	65	12.324	18.9
				Nickel oxide (NiO)	1313-99-1	5	0.948	
				Zinc oxide (ZnO)	1314-13-2	20	3.792	
				Copper oxide (CuO)	1317-38-0	10	1.896	
2	Wire	Copper wire	0.005	Copper (Cu)	7440-50-8	95	8.189	8.6
				Polyurethane resin	9009-54-4	5	0.431	
3	Terminal	Lead-free solder	0.002	Tin (Sn)	7440-31-5	96.5	3.327	3.5
				Silver (Ag)	7440-22-4	3	0.155	
				Copper (Cu)	7440-50-8	0.5	0.017	
4	Base	LCP	0.037	Liquid crystal polymer	70679-92-4	100	63.793	63.8
5	Adhesive	Epoxy	0.003	Epoxy resin	25928-94-3	47	2.431	5.2
				Carbon black [C]	1333-86-4	3	0.155	
				Calcium carbonate (CaCO <sub>3</sub> )	471-34-1	50	2.586	
			Total weight	0.058				

**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.