

# MATERIAL DECLARATION SHEET



Material Number	SRF1006 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	0.262	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	70	24.5	35.0
				Manganese oxide (MnO)	1317-35-7	22	7.7	
				Zinc oxide (ZnO)	1314-13-2	8	2.8	
2	Wire	Copper wire	0.082	Copper (Cu)	7440-50-8	95	10.4	10.9
				Polyurethane resin	9009-54-4	5	0.5	
3	Terminal	Lead-free solder	0.015	Tin (Sn)	7440-31-5	96.5	1.93	2
				Silver (Ag)	7440-22-4	3	0.06	
				Copper (Cu)	7440-50-8	0.5	0.01	
4	Base	PF Phenolic	0.375	Phenolic foam		100	50.1	50.1
5	Adhesive	Epoxy	0.015	Epoxy resin	25068-38-6	100	2	2
				Silica dioxide (SiO <sub>2</sub> )	7631-86-9			
			Total weight	0.749				

**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.