

MATERIAL DECLARATION SHEET



Material Number	SRF0504 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	0.171	Iron oxide (Fe ₂ O ₃)	1309-37-1	48.44	26.1	53.8
				Nickel oxide (NiO)	1313-99-1	14.79	7.95	
				Zinc oxide (ZnO)	1314-13-2	31.48	16.9	
				Copper oxide (CuO)	1317-38-0	5.29	2.85	
2	Wire	Copper wire	0.035	Copper (Cu)	7440-50-8	95	10.45	11
				Polyurethane resin	9009-54-4	5	0.55	
3	Terminal	Lead-free solder	0.012	Tin (Sn)	7440-31-5	96.5	3.667	3.8
				Silver (Ag)	7440-22-4	3	0.114	
				Copper (Cu)	7440-50-8	0.5	0.019	
4	Adhesive	Epoxy	0.1	Bisphenol A type epoxy resin	25068-38-6	63	19.78	31.4
				Alkyl glycidyl ether	68609-97-2	3	0.942	
				2- methylimidazole	693-86-4	5	1.57	
				Carbon black [C]	1333-86-4	3	0.942	
				Silica amorphous (SiO ₂)	7631-86-9	26	8.164	
Total weight			0.318					

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.