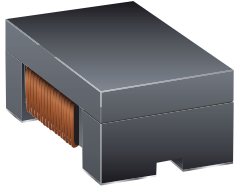


MATERIAL DECLARATION SHEET



Material Number	SRF4532 Series			
Product Line	Common Mode Choke Coil			
Compliance Date	2012/04/11			
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	Ferrite body	Ferrite Ni-Zn Series	0.081697	Iron oxide	1309-37-1	62.0	47.74	77.0
				Nickel oxide	1313-99-1	11.0	8.47	
				Zinc oxide	1314-13-2	20.0	15.40	
				Copper oxide	1317-38-0	7.0	5.39	
2	Circuit-Copper	Copper Wire	0.012732	Copper	7440-50-8	100.0	12.00	12.0
3	Circuit-Coating	Polyurethane-Based Insulation Varnish	0.003183	Polyurethane	9009-54-5	100.0	3.00	3.0
4	Terminal	Silver	0.003183	Silver	7440-22-4	100.0	3.00	3.0
5	Solder Base	Nickel	0.001061	Nickel	7440-02-0	100.0	1.00	1.0
6	Solder	Tin solder	0.001061	Tin	7440-31-5	100.0	1.00	1.0
7	Adhesive	EPOXY (ME-5890LC)	0.003183	Phenolic resin	9003-36-5	87.0	2.61	3.0
				Dicyanodiamide	461-58-5	11.1	0.33	
				Carbon black	1333-86-4	1.9	0.06	
Total weight			0.1061					

This Document was updated on: 2012/04/06