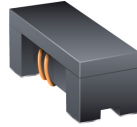


MATERIAL DECLARATION



Material Number	SRF2012AA Series			
Product Line	Common Mode Choke Coil			
Compliance Date	2015/01/15			
RoHS Compliant	Yes	MSL	Level 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	0.009933	Iron oxide	1309-37-1	62.000	47.740	77.00
				Nickel oxide	1313-99-1	11.000	8.470	
				Zinc oxide	1314-13-2	20.000	15.400	
				Copper oxide	1317-38-0	7.000	5.390	
2	Copper/ Coating	Copper Wire	0.001548	Copper	7440-50-8	96.500	14.475	15.00
		Copper Colored Coating On The Magnet Wire	0.000387	Polyurethane Resin	68400-67-9	3.500	0.525	
3	Terminal	Silver paste_DP4303W	0.000387	Silver	7440-22-4	100.000	3.000	3.00
4	Solder Base	Nickel	0.000129	Nickel	7440-02-0	100.000	1.000	1.00
5	Solder	Lead Free Solder	0.000129	Tin	7440-31-5	100.000	1.000	1.00
6	Adhesive	EPOXY_ME-5890LC	0.000387	Epoxy resin	24969-06-0	100.000	3.000	3.00
Total weight			0.0129					

This Document was updated on: 2015/01/15

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.