

MATERIAL DECLARATION SHEET

Material Number	SRF2012A-801Y			
Product Line	Common Mode Choke Coil			
Compliance Date	2018/02/07			
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	0.00924	Iron oxide	1309-37-1	62.0	47.740	77.00
				Nickel oxide	1313-99-1	11.0	8.470	
				Zinc oxide	1314-13-2	20.0	15.400	
				Copper oxide	1317-38-0	7.0	5.390	
2	Copper/ Coating	Copper Wire	0.00144	Copper	7440-50-8	100.0	12.000	15.00
		Copper Colored Coating On The Magnet Wire_SFHW	0.00036	Polyurethane Resin	26680-22-8	100.0	3.000	
3	Terminal	Silver paste_DP4303W	0.00036	Silver	7440-22-4	72.9	2.187	3.00
				Silicon dioxide	60676-86-0	15.7	0.471	
				Resins	9004-57-3	10.4	0.312	
4	Solder Base	S Nickel Pellets	0.00012	Nickel	7440-02-0	100.0	1.000	1.00
5	Solder	Lead Free Solder	0.00012	Tin	7440-31-5	100.0	1.000	1.00
6	Adhesive	EPOXY_ME-5890LC	0.00036	Epoxy resin	61788-97-4	52.1	1.563	3.00
				Carbon black	1333-86-4	47.9	1.437	
Total weight			0.012					

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