


MATERIAL DECLARATION SHEET

Material Number	SRF2012A-900YA			
Product Line	Common Mode Choke Coil			
Compliance Date	2021/01/29			
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	0.009163	Iron(III) oxide	1309-37-1	62.000	47.740	77.00
				Nickel(II) oxide	1313-99-1	11.000	8.470	
				Zinc oxide	1314-13-2	20.000	15.400	
				Copper II Oxide	1317-38-0	7.000	5.390	
2	Copper/ Coating	Copper Wire	0.001428	Copper	7440-50-8	100.000	12.000	15.00
		Copper Colored Coating On The Magnet Wire	0.000357	Polyurethane Resin	26680-22-8	100.000	3.000	
3	Terminal	Silver paste	0.000357	Silver	7440-22-4	75.000	2.250	3.00
				Glass frit	60676-86-0	15.000	0.450	
				Resins	9004-57-3	10.000	0.300	
4	Solder Base	S Nickel Pellets	0.000119	Nickel	7440-02-0	100.000	1.000	1.00
5	Solder	Lead Free Solder	0.000119	Tin	7440-31-5	100.000	1.000	1.00
6	Adhesive	EPOXY	0.000357	Epoxy resin	61788-97-4	50.000	1.500	3.00
				Carbon Black	1333-86-4	46.000	1.380	
				Acrylated Aliphatic Urethane	68987-79-1	4.000	0.120	
Total weight			0.0119					

This Document was updated on: 2021/01/29

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. (16)