

# MATERIAL DECLARATION SHEET

Material Number	SRF3225TAC series			
Product Line	Common Mode Choke Coil			
Compliance Date	2018/09/20			
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	0.056175	Iron oxide	1309-37-1	62.000	46.438	74.90
				Nickel oxide	1313-99-1	11.000	8.239	
				Zinc oxide	1314-13-2	20.000	14.980	
				Copper oxide	1317-38-0	7.000	5.243	
2	Copper/ Coating	Copper Wire	0.0105	Copper	7440-50-8	100.000	14.000	17.00
		Copper Colored Coating On The Magnet Wire_SFHW	0.00225	Polyurethane Resin	26680-22-8	100.000	3.000	
3	Terminal	Silver paste	0.00225	Silver	7440-22-4	73.7	2.211	3.00
				Silicon dioxide	60676-86-0	15.8	0.474	
				Resin	9004-57-3	10.5	0.315	
4	Solder Base	S Nickel Pellets	0.00075	Nickel	7440-02-0	100.000	1.000	1.00
5	Solder	Lead Free Solder	0.00075	Tin	7440-31-5	100.000	1.000	1.00
6	Adhesive	EPOXY	0.00225	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	
7	Marking	Printer INK	0.000075	Carbon black	1333-86-4	100.0	00.1	0.10
Total weight			0.075					

**This Document was updated on: 2018/09/20**

**Important remarks:**

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