

# MATERIAL DECLARATION SHEET

Material Number	SRF3225TAC Series			
Product Line	Common Mode Choke Coil			
Compliance Date	2022/04/28			
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	0.06075	Iron oxide	1309-37-1	62.000	46.500	75.00
				Nickel oxide	1313-99-1	11.000	8.250	
				Zinc oxide	1314-13-2	20.000	15.000	
				Copper oxide	1317-38-0	7.000	5.250	
2	Copper/ Coating	Copper Wire	0.01134	Copper	7440-50-8	100.000	14.000	17.00
		Copper Colored Coating On The Magnet Wire_SFHW	0.00243	Polyurethane Resin	26680-22-8	100.000	3.000	
3	Terminal	Silver paste_DP4303W	0.00243	Silver	7440-22-4	73.700	2.211	3.00
				Silicon dioxide	60676-86-0	15.800	0.474	
				Resins	9004-57-3	10.500	0.315	
4	Solder Base	S Nickel Pellets	0.00081	Nickel	7440-02-0	100.000	1.000	1.00
5	Solder	Lead Free Solder	0.00081	Tin	7440-31-5	100.000	1.000	1.00
6	Adhesive	EPOXY_ME-5020H	0.00243	Iron oxide	1309-37-1	68.572	2.057	3.00
				Trimanganese tetraoxide	1317-35-7	17.143	0.514	
				Zinc oxide	1314-13-2	8.570	0.257	
				Dicyanodiamide	461-58-5	4.286	0.129	
				Carbon black	1333-86-4	1.429	0.043	
7	Mark	Laser Marking	-	-	-	-	-	-
Total weight			<b>0.081</b>					

**This Document was updated on: 2022/04/28**

**Important remarks:**

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