

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRF1209U4 Series			
Product Line	Common Mode Choke Coil			
Compliance Date	2022/09/13			
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	0.00385	Ferric 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	0.0006	Copper	7440-50-8	100.000	12.000	15.00
		Copper Colored Coating On The Magnet Wire_SFHW	0.00015	Polyurethane Resin	26680-22-8	100.000	3.000	
3	Terminal	Silver paste_DP4303W	0.00015	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	0.00005	Nickel	7440-02-0	100.000	1.000	1.00
5	Solder	Lead Free Solder	0.00005	Tin	7440-31-5	100.000	1.000	1.00
6	Adhesive	EPOXY_ME-5890LC	0.00015	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	0.005					

This Document was updated on: 2022/09/13

Important remarks:

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