

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRF7038A-Series			
Product Line	Common Mode Choke Coil			
Compliance Date	2025/12/12			
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	Upper Plate	Alumina Ceramic	0.07366	Aluminum oxide	1344-28-1	90.000	13.0500	14.50
				Silicon dioxide	7631-86-9	1.500	0.2175	
				Manganese monoxide	1344-43-0	5.400	0.7830	
				Ferric oxide	1309-37-1	1.100	0.1595	
				Titanium oxide	1317-70-0	1.100	0.1595	
				Chromium oxide	1308-38-9	0.300	0.0435	
				Cobalt oxide	1308-04-9	0.300	0.0435	
				Magnesium oxide	1309-48-4	0.300	0.0435	
2	Ferrite Core	Ferrite Ni-Zn Series	0.326136	Ferric oxide	1309-37-1	62.000	39.8040	64.20
				Nickel oxide	1313-99-1	11.000	7.0620	
				Zinc oxide	1314-13-2	20.000	12.8400	
				Copper oxide	1317-38-0	7.000	4.4940	
3	Copper/ Coating	Copper Wire	0.0762	Copper	7440-50-8	100.000	15.0000	16.00
		Copper Colored Coating On The Magnet Wire_AIW	0.00508	Polyamideimide Resin	63428-84-2	100.000	1.0000	
4	Terminal-Ag	Silver paste_DP4303W	0.0127	Silver	7440-22-4	73.700	1.8425	2.50
				Silicon dioxide	60676-86-0	15.800	0.3950	
				Resins	9004-57-3	10.500	0.2625	
5	Terminal-Ni	S Nickel Pellets	0.00254	Nickel	7440-02-0	100.000	0.5000	0.50
6	Terminal-Sn	Lead Free Solder	0.00254	Tin	7440-31-5	100.000	0.5000	0.50
7	Solder	Lead Free Solder_D9930C	0.001524	Tin	7440-31-5	99.300	0.2979	0.30
				Copper	7440-50-8	0.700	0.0021	

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8	Adhesive	EPOXY_ME-5020H	0.00762	Iron oxide	1309-37-1	66.667	1.0000	1.50
				Trimanganese tetraoxide	1317-35-7	16.667	0.2500	
				Zinc oxide	1314-13-2	8.332	0.1250	
				Dicyanodiamide	461-58-5	4.167	0.0625	
				N-(2-methylphenyl)-N-(oxiranylmethyl)-Oxiranemethanamine	40027-50-7	2.778	0.0417	
				Carbon black	1333-86-4	1.389	0.0208	
9	Mark	Laser Marking	-	-	-	-	-	-
Total weight			0.508					

This Document was updated on: 2025/12/12

Important remarks:

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