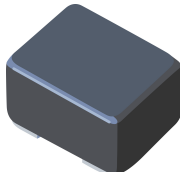


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRP3220A Series			
Product Line	Power Inductor			
Compliance Date	2025/08/07			
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	Amorphous Body	Amorphous Powder	0.0607243	Iron	7439-89-6	89.250	59.5565	66.73
				Silicon	7440-21-3	5.500	3.6702	
				Chromium	7440-47-3	4.000	2.6692	
				Boron	7440-42-8	1.250	0.8341	
2	Enameled wire	Metal wire_SFT-AIW/SB	0.02592135	Copper	7440-50-8	100.000	28.4850	30.00
		Coating on metal wire_SFT-AIW/SB	0.00137865	Polyamide Resin	63428-84-2	100.000	1.5150	
3	Terminal-Plating Ag	Silver paste_DP4303W	0.001547	Silver	7440-22-4	73.700	1.2529	1.70
				Silicon dioxide	60676-86-0	15.800	0.2686	
				Resins	9004-57-3	10.500	0.1785	
4	Terminal-Plating Cu	Oxygen-free Copper	0.000091	Copper	7440-50-8	100.000	0.1000	0.10
5	Terminal-Plating Ni	S Nickel Pellets	0.0002821	Nickel	7440-02-0	100.000	0.3100	0.31
6	Terminal-Plating Sn	Lead Free Solder	0.0002821	Tin	7440-31-5	100.000	0.3100	0.31
7	Insulating	#7027 INK	0.0007735	Polymer with(chloromethyl)oxirane	25068-38-6	42.308	0.3596	0.85
				Amino resin	9003-08-01	11.538	0.0981	
				Carbon black	1333-86-4	46.154	0.3923	
		Total weight	0.091					

This Document was updated on: 2025/08/07

Important remarks:

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