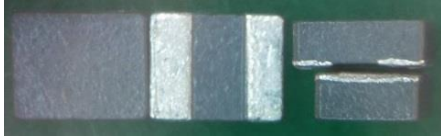


## MATERIAL DECLARATION

Material Number	SRP3212A-4R7M			
Product Line	Power Inductor			
Compliance Date	2023/12/21			
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	0.0367015	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	0.0165	Copper	7440-50-8	94.950	28.4850	30.00
		Coating on metal wire_SFT-AIW/SB		Polyamideimide Resin	63428-84-2	5.000	1.5000	
				Self-bonding enamel	-	0.050	0.0150	
3	Terminal-Plating Ag	Silver paste_DP4303W	0.000935	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	0.000055	Copper	7440-50-8	99.000	0.0990	0.10
				Misc.,not to declare	-	1.000	0.0010	
5	Terminal-Plating Ni	S Nickel Pellets	0.0001705	Nickel	7440-02-0	100.000	0.3100	0.31
6	Terminal-Plating Sn	Lead Free Solder	0.0001705	Tin	7440-31-5	100.000	0.3100	0.31
7	Insulating	#7027 INK	0.0004675	Polymer with(chloromethyl)oxirane	25068-38-6	42.308	0.3596	0.85
				Amino resin	9003-08-1	11.538	0.0981	
				Pigment	1333-86-4	46.154	0.3923	
Total weight			0.055					

**This Document was updated on: 2023/12/21**

# MATERIAL DECLARATION

---

**BOURNS®**

## Important remarks:

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