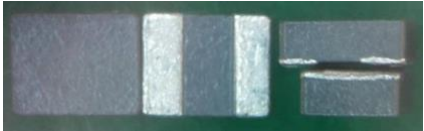


MATERIAL DECLARATION

Material Number	SRP3212A Series			
Product Line	Power Inductor			
Compliance Date	2021/01/22			
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	Alloy Body	Alloy Powder	0.0367015	Iron	7439-89-6	63.100	42.107	66.73
				Nickel	7440-02-0	34.900	23.289	
				Chromium	7440-47-3	1.990	1.328	
				Silicon	7440-21-3	0.010	0.007	
2	Enameled wire	Metal wire_SFT-AIW/SB	0.0165	Copper	7440-50-8	94.950	28.485	30.00
		Coating on metal wire_SFT-AIW/SB		Polyamideimide Resin	63428-84-2	5.000	1.500	
				Self-bonding enamel	-	0.050	0.015	
3	Terminal	Silver paste_DP4303W	0.000935	Silver	7440-22-4	75.000	1.275	1.70
				Glass frit	60676-86-0	15.000	0.255	
				Resins	9004-57-3	10.000	0.170	
4	Solder Base	S Nickel Pellets	0.000198	Nickel	7440-02-0	100.000	0.360	0.36
5	Solder	Lead Free Solder	0.000198	Tin	7440-31-5	100.000	0.360	0.36
6	Exterior Resin	#7027 INK	0.0004675	Polymer with(chloromethyl)oxirane	25068-38-6	34.500	0.293	0.85
				Resin	9003-08-1	30.500	0.259	
				Pigment	-	35.000	0.298	
Total weight			0.055					

This Document was updated on: 2021/01/22

Important remarks:

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