

MATERIAL DECLARATION

Material Number	SRP2510TMA Series			
Product Line	Power Inductor			
Compliance Date	2021/05/27			
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	0.020019	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	0.009	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	0.00051	Silver	7440-22-4	73.700	1.253	1.70
				Silicon dioxide	60676-86-0	15.800	0.269	
				Resins	9004-57-3	10.500	0.179	
4	Solder Base	S Nickel Pellets	0.000108	Nickel	7440-02-0	100.000	0.360	0.36
5	Solder	Lead Free Solder	0.000108	Tin	7440-31-5	100.000	0.360	0.36
6	Exterior Resin	#7027 INK	0.000255	Polymer with(chloromethyl)oxirane	25068-38-6	42.308	0.360	0.85
				Resin	9003-08-1	11.538	0.098	
				Pigment	-	46.154	0.392	
Total weight			0.030					

This Document was updated on: 2021/05/27

Important remarks:

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