

MATERIAL DECLARATION SHEET



Material Number	SRP1050WA Series			
Product Line	Power Inductor			
Compliance Date	2024/05/22			
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	2.64	Iron	7439-89-6	93.800	75.040	80.00
				Silicon	7440-21-3	4.200	3.360	
				Chromium	7440-47-3	2.000	1.600	
2	Copper/ Coating	Copper Wire	0.495	Copper	7440-50-8	100.000	15.000	16.00
		Copper Colored Coating On The Magnet Wire_AIW	0.033	Polyamideimide Resin	63428-84-2	100.000	1.000	
3	Terminal-Clip	Copper_C1100	0.115368	Copper	7440-50-8	100.000	3.496	3.80
		Ni Coating	0.002508	Nickel	7440-02-0	100.000	0.076	
		Lead Free Solder	0.007524	Tin	7440-31-5	100.000	0.228	
4	Marking	Hitachi IJ Printer INK	0.0066	ChromeIII-Complex Dye	117527-94-3	100.000	0.200	0.20
Total weight			3.30					

This Document was updated on: 2024/05/22

Important remarks:

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