

# MATERIAL DECLARATION SHEET



Material Number	SRP1040VA-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	1.76	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	0.33	Copper	7440-50-8	100.000	15.000	16.00
		Copper Colored Coating On The Magnet Wire	0.022	Polyamideimide Resin	63428-84-2	100.000	1.000	
3	Terminal-Clip	Copper	0.0836	Copper	7440-50-8	92.000	3.496	3.80
		Ni Coating		Nickel	7440-02-0	2.000	0.076	
		Lead Free Solder		Tin	7440-31-5	6.000	0.228	
4	Marking	Hitachi IJ Printer INK	0.0044	Chrome III-Complex Dye	117527-94-3	100.000	0.200	0.20
Total weight			2.2					

**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.