

MATERIAL DECLARATION SHEET



Material Number	SRP1038AA-Series-Non lead frame type		
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	1.837	Iron	7439-89-6	93.800	78.323	83.50
				Silicon	7440-21-3	4.200	3.507	
				Chromium	7440-47-3	2.000	1.670	
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	Solder	Lead-Free Solder Bar	0.0066	Tin	7440-31-5	99.300	0.298	0.30
				Copper	7440-50-8	0.700	0.002	
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.