


# MATERIAL DECLARATION SHEET



Material Number	SRP1245C Series(1R0~220)			
Product Line	Power Inductor			
Compliance Date	2019/08/23			
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	3.44	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	0.645	Copper	7440-50-8	100.000	15.000	16.00
		Copper Colored Coating On The Magnet Wire_AIW	0.043	Polyamideimide Resin	63428-84-2	100.000	1.000	
3	Terminal-Clip	Copper	0.1634	Copper	7440-50-8	99.938	3.798	3.80
		Nickel plating		Nickel	7440-02-0	0.024	0.001	
		Sn plating		Tin	7440-31-5	0.038	0.001	
4	Marking	Hitachi IJ Printer INK	0.0086	Additives not to declare	--	2.00	0.004	0.20
				Carbon black	1333-86-4	98.00	0.196	
Total weight			4.3					

**This Document was updated on: 2019/08/23**

**Important remarks:**

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