


# MATERIAL DECLARATION SHEET



Material Number	SRP4018FA Series			
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	0.13875	Iron	7439-89-6	93.800	70.350	75.00
				Silicon	7440-21-3	4.200	3.150	
				Chromium	7440-47-3	2.000	1.500	
2	Copper/ Coating	Magnet Wire_SFT-AIW	0.043216	Copper	7440-50-8	98.500	23.010	23.36
				Polyamideimide Resin	63428-84-2	1.500	0.350	
3	Solder	Lead-Free Solder Bar	0.002775	Tin	7440-31-5	99.300	1.490	1.50
				Copper	7440-50-8	0.700	0.011	
4	Marking	Hitachi IJ Printer INK	0.000259	Additives not to declare	--	2.00	0.004	0.14
				Carbon black	1333-86-4	98.00	0.196	
Total weight			<b>0.185</b>					

**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.