


MATERIAL DECLARATION SHEET

Material Number	SRP5050FA Series			
Product Line	Power Inductor			
Compliance Date	2018/11/06			
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	0.6225	Fe	7439-89-6	93.800	70.350	75.00
				Si	7440-21-3	4.200	3.150	
				Cr	7440-47-3	2.000	1.500	
2	Copper/ Coating	Magnet Wire_SFT-AIW	0.193888	Cu	7440-50-8	98.500	23.010	23.36
				Polyamideimide Resin	63428-84-2	1.500	0.350	
3	Solder	Lead-Free Solder Bar	0.01245	Sn	7440-31-5	99.300	1.490	1.50
				Cu	7440-50-8	0.700	0.011	
4	Marking	Hitachi IJ Printer INK	0.001162	C4H8O	78-93-3	90.000	0.126	0.14
				C	1333-86-4	10.000	0.014	
			Total weight			0.83		

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Important remarks:

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