


MATERIAL DECLARATION SHEET



Material Number	SRP7050AA Series			
Product Line	Power Inductor			
Compliance Date	2020/02/19			
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	0.976	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	0.183	Copper	7440-50-8	100.000	15.000	16.00
		Copper Colored Coating On The Magnet Wire_AIW	0.0122	Polyamideimide Resin	63428-84-2	100.000	1.000	
3	Terminal-Clip	Copper_C1100	0.04636	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	0.00244	Carbon black	1333-86-4	100.000	0.220	0.20
Total weight			1.22					

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Important remarks:

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