


MATERIAL DECLARATION SHEET



Material Number	SRP8540A Series			
Product Line	Power Inductor			
Compliance Date	2020/10/26			
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	Carbonyl body	Carbonyl Powder	1.2375	Iron	7439-89-6	97.800	73.350	75.00
				Carbon	7440-44-0	0.900	0.675	
				Nitrogen	7727-37-9	0.900	0.675	
				Oxygen	7782-44-7	0.400	0.300	
2	Copper/ Coating	Copper Wire	0.2475	Copper	7440-50-8	100.000	15.000	16.00
		Copper Colored Coating on Magnet Wire AIW	0.0165	Polyamideimide Resin	63428-84-2	100.000	1.000	
3	Terminal-Clip	Copper_C1100	0.1056	Copper	7440-50-8	92.000	5.888	6.40
		Nickel plating		Nickel	7440-02-0	2.000	0.128	
		Lead Free Solder		Tin	7440-31-5	6.000	0.384	
4	Body-Coating	PL grey_PL-488	0.04125	Poly(acrylic acid)	9003-01-4	66.7	1.6675	2.50
				Titanium dioxide	1317-80-2	27.8	0.695	
				Aluminum	7429-90-5	5.5	0.1375	
5	Marking	Hitachi IJ Printer INK	0.00165	Chrome III dye	117527-94-3	100.000	0.1	0.10
Total weight			1.65					

This Document was updated on: 2020/10/26

Important remarks:

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