


MATERIAL DECLARATION SHEET



Material Number	SRP1238A-Series			
Product Line	Power Inductor			
Compliance Date	Since inception			
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	2.5575	Iron	7439-89-6	97.80	73.350	75.00
				Carbon	7440-44-0	0.90	0.675	
				Nitrogen	7727-37-9	0.90	0.675	
				Oxygen	7782-44-7	0.40	0.300	
2	Copper/ Coating	Copper Wire	0.4092	Copper	7440-50-8	100.0	12.000	15.00
		Copper Colored Coating On The Magnet Wire_AIW	0.1023	Polyamideimide Resin	31957-38-7	100.0	3.000	
3	Terminal-Clip	Copper	0.2387	Copper	7440-50-8	96.0	6.72	7.00
		Nickel		Nickel	7440-02-0	1.15	0.0805	
		Tin		Tin	7440-31-5	2.85	0.1995	
4	Body-Coating	Environmental epoxy Resin(grey)	0.0682	Epoxy resin	24969-06-0	73.0	1.46	2.00
				Titanium dioxide	13463-67-7	1.0	0.020	
				Calcium Carbonate	471-34-1	15.0	0.300	
				Polyamide	63428-84-2	11.0	0.220	
5	Marking	INK-Black	0.0341	Carbon black	1333-86-4	100.0	0.010	1.00
Total weight			3.41					

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