


# MATERIAL DECLARATION SHEET



Material Number	SRP1038A-Series			
Product Line	Power Inductor			
Compliance Date	2015/12/16			
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. (%)
1.827 15	Carbonyl body	Carbonyl Powder	1.82715	Iron	7439-89-6	97.8	73.35	75.00
				Carbon	7440-44-0	0.9	0.675	
				Nitrogen	7727-37-9	0.9	0.675	
				Oxygen	7782-44-7	0.4	0.3	
0.365 43 0.024 362	Copper/ Coating	Copper Wire	0.36543	Copper	7440-50-8	100.0	12.0	15.00
		Copper Colored Coating On The Magnet Wire_AIW	0.024362	Polyamideimide Resin	31957-38-7	100.0	3.0	
0.155 9168	Terminal-Clip	Copper	0.1559168	Copper	7440-50-8	96	6.72	7.00
		Nickel		Nickel	7440-02-0	1.15	0.0805	
		Tin		Tin	7440-31-5	2.85	0.1995	
0.060 905	Body-Coating	Environmental epoxy Resin (grey)	0.060905	Epoxy resin	24969-06-0	73.0	1.46	2.00
				Titanium dioxide	13463-67-7	1.0	0.02	
				Calcium carbonate	471-34-1	15.0	0.30	
				Polyamide	63428-84-2	11.0	0.22	
	Marking	INK-Black	0.0024362	Carbon black	1333-86-4	100.0	1.0	1.00
Total Weight			<b>2.4362</b>					

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