


MATERIAL DECLARATION SHEET



Material Number	SRP4020TA-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	0.132	Iron	7439-89-6	97.800	73.350	75.00
				C	7440-44-0	0.900	0.675	
				N ₂	7727-37-9	0.900	0.675	
				O ₂	7782-44-7	0.400	0.300	
2	Copper/ Coating	Copper Wire	0.02112	Cu	7440-50-8	100.000	12.000	15.00
		Copper Colored Coating On The Magnet Wire_AIW	0.00528	Polyamideimide Resin	31957-38-7	100.000	3.000	
3	Terminal-Clip	Copper	0.01232	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)	0.00352	Epoxy resin	24969-06-0	73.0	1.46	2.00
				Titanium dioxide	13463-67-7	1.000	0.020	
				Calcium carbonate	471-34-1	15.000	0.300	
				Polyamide	63428-84-2	11.000	0.220	
5	Marking	INK-Black	0.00176	Carbon black	1333-86-4	10.000	0.010	1.00
Total weight			0.176					

This Document was updated on: 2016/01/06