


MATERIAL DECLARATION SHEET

Material Number	SRP1245A-Series-Lead frame type R82-200			
Product Line	Power Inductor			
Compliance Date	2021/01/15			
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	3.375	Iron	7439-89-6	98.192	73.644	75.00
				Carbon	7440-44-0	0.904	0.678	
				Nitrogen	7727-37-9	0.904	0.678	
2	Copper/ Coating	Copper Wire	0.54	Copper	7440-50-8	100.000	12.000	15.00
		Copper Colored Coating On The Magnet Wire	0.135	Polyamideimide Resin	63428-84-2	100.000	3.000	
3	Terminal-Clip	Copper	0.315	Copper	7440-50-8	92.000	6.440	7.00
		Nickel plating		Nickel	7440-02-0	2.000	0.140	
		Lead Free Solder		Tin	7440-31-5	6.000	0.420	
4	Body-Coating	Environmental epoxy Resin(grey)	0.09	Epoxy resin	24969-06-0	73.000	1.460	2.00
				Titanium dioxide	13463-67-7	1.000	0.020	
				Calcium carbonae	471-34-1	15.000	0.300	
				Polyamide	63428-84-2	11.000	0.220	
5	Marking	Hitachi IJ Printer INK	0.045	Chrome III-Complex Dye	117527-94-3	100.000	1.000	1.00
Total weight			4.5					

This Document was updated on: 2021/01/15

Important remarks:

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