

# MATERIAL DECLARATION SHEET



Material Number	SRP1265A-Series-Lead frame type R68-470		
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	4.5	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	0.72	Copper	7440-50-8	100.000	12.000	15.00
		Copper Colored Coating On The Magnet Wire	0.18	Polyamide Resin	63428-84-2	100.000	3.000	
3	Terminal-Clip	Copper	0.3864	Copper	7440-50-8	100.000	6.440	7.00
		Nickel plating	0.0084	Nickel	7440-02-0	100.000	0.140	
		Lead Free Solder	0.0252	Tin	7440-31-5	100.000	0.420	
4	Body-Coating	Environmental epoxy Resin(grey)	0.12	Epoxy resin	24969-06-0	73.000	1.460	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	Hitachi IJ Printer INK	0.06	Chrome III-Complex Dye	117527-94-3	100.000	1.000	1.00
Total weight			6.00					

**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.