


# MATERIAL DECLARATION SHEET

**BOURNS®**

Material Number	SRP7030 Series			
Product Line	Power Inductor			
Compliance Date	2015/01/15			
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	Iron Body	Iron Powder	0.585971	Iron	7439-89-6	99.630	72.730	73.00
				Indium	7440-74-6	0.200	0.146	
				Silicon	7440-21-3	0.080	0.058	
				Manganese	7439-96-5	0.090	0.066	
2	Body-Coating	EPOXY_ME-5890LC	0.024081	Epoxy resin	24969-06-0	100.000	3.000	3.00
3	Copper/ Coating	Copper Wire	0.096324	Copper	7440-50-8	98.000	14.700	15.00
		Copper Colored Coating On The Magnet Wire	0.024081	Polyamideimide Resin	31957-38-7	2.000	0.300	
4	Terminal-Clip	Copper_C1100	0.056189	Copper	7440-50-8	100.000	7.000	7.00
5	Solder	Lead Free Solder	0.008027	Tin	7440-31-5	100.000	1.000	1.00
6	Marking	INK-White	0.008027	Fatty acids, dimer acids, C18	61788-89-4	60.000	0.600	1.00
Total weight			<b>0.8027</b>					

**This Document was updated on: 3-17-2016**

**Important remarks:**

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