

MATERIAL DECLARATION SHEET



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	Copper/ Coating	Copper Wire	0.096324	Copper	7440-50-8	100.000	12.000	15.00
		Copper Colored Coating On The Magnet Wire	0.024081	Polyamideimide Resin	63428-84-2	100.000	3.000	
3	Terminal-Clip	Copper	0.056189	Copper	7440-50-8	100.000	7.000	7.00
4	Solder	Lead Free Solder	0.008027	Tin	7440-31-5	100.000	1.000	1.00
5	Body-Coating	EPOXY	0.024081	Epoxy resin	61788-97-4	50.000	1.500	3.00
				Carbon black	1333-86-4	46.000	1.380	
				Acrylated Aliphatic Urethane	68987-79-1	4.000	0.120	
6	Marking	INK	0.008027	POLYSTER RESIN	113669-95-7	78.261	0.783	1.00
				Titanium oxide	1317-80-2	21.739	0.217	
Total weight			0.8027					

This Document was updated on: 2022/04/13

Important remarks:

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