


MATERIAL DECLARATION SHEET



Material Number	SRP2010 Series			
Product Line	Power Chip Inductor			
Compliance Date	2019/11/27			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Wire	Wire	5.1774	Copper	7440-50-8	100	28.94	28.94
2	Core	Core	10.5909	Iron	7439-89-6	84.68	59.2	69.91
			0.1199	Carbon	7440-44-0	0.97	0.67	
			0.7854	Silicon	7440-21-3	6.29	4.39	
			0.3041	Chromium (Non-Cr6+)	7440-47-3	2.42	1.7	
			0.3041	Boron	7440-42-8	2.42	1.7	
			0.4025	Polymer(Epoxy)	Proprietary	3.22	2.25	
3	Overcoat	Overcoat	0.1521	Polymer(Epoxy)	Proprietary	100	0.85	0.85
4	Terminations	Terminations	0.0179	Copper	7440-50-8	100	0.1	0.1
5	External electrode Ni	External electrode Ni	0.0196	Nickel	7440-02-0	100	0.11	0.11
6	External electrode Sn	External electrode Sn	0.0161	Tin	7440-31-5	100	0.09	0.09
			Total weight	17.89				

This Document was updated on: 2019/11/27

Important remarks:

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