

MATERIAL DECLARATION SHEET



Material Number	SRP2010A series			
Product Line	Power Chip Inductor			
Compliance Date	2023/10/04			
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	12.0866	Iron	7439-89-6	96.78	67.56	69.81
			0.4025	Polymer(Epoxy)	Trade Secret	3.22	2.25	
3	Overcoat	Overcoat	0.1521	Polymer(Epoxy)	Trade Secret	100	0.85	0.85
4	Conductor Layer	Conductor Layer	0.0178	Silver	7440-22-4	100	0.10	0.10
5	External electrode_Cu	External electrode_Cu	0.0179	Copper	7440-50-8	100	0.10	0.10
6	External electrode_Ni	External electrode_Ni	0.0196	Nickel	7440-02-0	100	0.11	0.11
7	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: 2023/10/04

Important remarks:

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