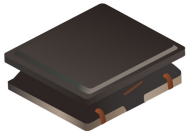


# MATERIAL DECLARATION SHEET



Material Number	SRN2510F series			
Product Line	Power Inductor			
Compliance Date	2017/09/04			
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	Alloy Body	Alloy Powder	0.01971	Iron	7439-89-6	93.800	68.474	73.00
				Silicon	7440-21-3	4.200	3.066	
				Chromium	7440-47-3	2.000	1.460	
2	Copper/ Coating	Copper Wire	0.00324	Copper	7440-50-8	100.000	12.000	15.00
		Coating On The Magnet Wire_SFHW	0.00081	Polyurethane Resin	26680-22-8	100.000	3.000	
3	Terminal	Silver paste_DP4303W	0.00081	Silver	7440-22-4	73.684	2.2105	3.00
				Glass (non-lead)	65997-18-4	15.790	0.4737	
				Resins	9004-57-3	10.526	0.3158	
4	Solder Base	Nickel	0.00027	Nickel	7440-02-0	100.000	1.000	1.00
5	Solder	Lead Free Solder	0.00027	Tin	7440-31-5	100.000	1.000	1.00
6	Adhesive	Adhesive	0.00189	Iron	7439-89-6	46.900	3.283	7.00
				Silicon	7440-21-3	2.100	0.147	
				Chromium	7440-47-3	1.000	0.070	
				Styrene	100-42-5	12.500	0.875	
				Polyester Resin	113669-95-7	30.000	2.100	
				Carbon black	1333-86-4	7.500	0.525	
Total weight			0.027					

**This Document was updated on: 2017/09/04**