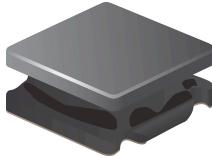


MATERIAL DECLARATION SHEET



Material Number	LOW PROFILE POWER INDUCTORS			
Product Line	SRN4018 SERIES			
Compliance Date	9/27/2012			
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	FERRITE CORE	FERRITE	75	Iron oxide	1309-37-1	66	48.53	73.53
				Nickel oxide	1313-99-1	15.5	11.40	
				Zinc oxide	1314-13-2	15.5	11.40	
				Copper oxide	1317-38-0	2	1.47	
				Glass	65997-18-4	1	0.73	
2	Inner plating	Ag/Pd	1	Silver/Palladium	7440-22-4 7440-05-3	100	0.98	0.98
3	Middle plating	Nickel	1	Nickel	7440-02-0	100	0.98	0.98
4	Finish plating	Tin	1	Tin	7440-31-5	100	0.98	0.98
5	COPPER WIRE	P180	12	Copper	7440-50-8	96	11.30	11.77
				Polyurethane Resin	9005-54-8	4	0.47	
6	SOLDER	NP303	7	Tin	7440-31-5	96.5	6.62	6.86
				Silver	7440-22-4	3.0	0.21	
				Copper	7440-50-8	0.5	0.03	
				Iron oxide	1309-37-1	40	1.96	
				Nickel oxide	1313-99-1	5.4	0.265	

MATERIAL DECLARATION SHEET

				Zinc oxide	1314-13-2	4.6	0.225	
				Siloxanes and silicones, di-Me, vinyl group terminated	68083-19-2	30	1.47	
				Dimethylated and trimethylated silica	68988-89-6	4	0.196	
				Methylhydrosiloxane - dimethyl siloxane copolymer	68037-59-2	16	0.784	
			Total weight	102				

Date: November 21, 2012

Important remarks:

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