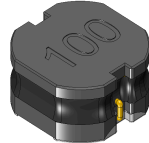


MATERIAL DECLARATION SHEET



Material Number	SRN8040 Series (470~101)			
Product Line	SMD Power Inductor			
Compliance Date	2015/05/21			
RoHS Compliant	YES	MSL	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	Core	NB45H	0.540	Iron oxide (Fe ₂ O ₃)	1309-37-1	60.0	36.00	60.00
				Copper oxide(CuO)	1317-38-0	10.1	6.06	
				Zinc oxide (ZnO)	1314-13-2	16.5	9.90	
				Nickel oxide (NiO)	1313-99-1	13.4	8.04	
2	Plating	ACM	0.003	Silver(Ag)	7440-22-4	65.0	0.22	0.33
				Nickel (Ni)	7440-02-0	14.0	0.05	
				Tin (Sn)	7440-31-5	21.0	0.07	
3	Wire	P180-G2	0.286	Copper(Cu)	7440-50-8	95.0	30.19	31.78
				Polyurethane resin	9009-54-5	5.0	1.59	
4	Adhesive	Magnetic conductive adhesive	0.056	Iron oxide (Fe ₂ O ₃)	1309-37-1	40.0	2.49	6.22
				Manganese oxide(MnO)	1344-43-0	5.4	0.34	
				Zinc oxide (ZnO)	1314-13-2	4.6	0.29	
				Dimethyl Siloxane, dimethylvinyl-terminated	68083-19-2	30.0	1.87	
				Dimethylvinylated and trimethylated silica	68988-89-6	4.0	0.25	
Dimethyl, methylhydragen siloxane	68037-59-2	16.0	1.00					
5	Solder bar	0505H	0.015	Tin (Sn)	7440-31-5	99.0	1.65	1.67
				Silver(Ag)	7440-22-4	0.5	0.01	

MATERIAL DECLARATION SHEET



				Copper(Cu)	7440-50-8	0.5	0.01	
		Total weight	0.9					

This Document was updated on: 2015/05/21

Important remarks:

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