


MATERIAL DECLARATION SHEET



Material Number	SRN8040 Series			
Product Line	SMD POWER INDUCTOR			
Compliance Date	2011/4/20			
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	Ferrite Material	NH50	0.645	Iron oxide (Fe ₂ O ₃)	1309-37-1	61	48.51	79.53
				Nickel oxide (NiO)	1313-99-1	13	10.33	
				Zinc oxide (ZnO)	1314-13-2	16	12.72	
				Copper oxide(CuO)	1317-38-0	10	7.97	
2	Winding Wire	P180-G2	0.117	Copper (Cu)	7440-50-8	95	13.71	14.43
				Polyurethane Resin	9009-54-5	5	0.72	
3	SOLDER	Sn/Ag/Cu	0.02	Tin (Sn)	7440-31-5	96.5	2.38	2.47
				Silver (Ag)	7440-22-4	3	0.074	
				Copper (Cu)	7440-50-8	0.5	0.016	
4	ADHESIVE	90160173-I Ferrite glue	0.029	Iron oxide (Fe ₂ O ₃)	1309-37-1	60	2.142	3.57
				Dimethyl Siloxane,dimethylvinyl-terminated	68083-19-2	24	0.857	
				Dimethylvinylated and trimethylated silica	68988-89-6	3.2	0.114	
				Dimethyl, methylhydrogen siloxane	68037-59-2	12.8	0.457	
		Total weight	0.811					

This Document was updated on: 2011/4/20

Important remarks:

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