


MATERIAL DECLARATION



Material Number	SDR0805-series			
Product Line	SMD POWER INDUCTOR			
Compliance Date	2009.06.22			
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 Material	F4D	574	Iron oxide (Fe2O3)	1309-37-1	60	52.2	87
				Nickel oxide (NiO)	1313-99-1	10	8.7	
				Zinc oxide (ZnO)	1314-13-2	20	17.4	
				Copper oxide(CuO)	1317-38-0	10	8.7	
2	Winding Wire	2SFBW	57	Copper (Cu)	7440-50-8	95	8.17	8.6
				Polyester Resin	N/A	5	0.43	
3	Solder	Lead free-solder	14.5	Tin (Sn)	7440-31-5	96.5	2.123	2.2
				Silver (Ag)	7440-22-4	3	0.066	
				Copper (Cu)	7440-50-8	0.5	0.011	
4	Adhesive	6020H-6-3	14.5	Bisphenol A Epoxy Resin	25068-38-6	63	1.386	2.2
				Alkyl glycidyl ether	68609-97-2	3	0.066	
				Methyl imidazole	693-98-1	5	0.11	
				Carbon black	1333-86-4	3	0.066	
				Silicon dioxide	7631-86-9	26	0.572	
		Total weight	660					

This Document was updated on: 11-1-2010

Important remarks:

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