


MATERIAL DECLARATION SHEET



Material Number	SRF1280-Series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2010/7/20			
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	Core	TN25H	2.879	Iron oxide (Fe ₂ O ₃)	1309-37-1	65%	42.07	64.73
				Nickel oxide (NiO)	1313-99-1	12.5%	8.09	
				Zinc oxide (ZnO)	1314-13-2	18%	11.65	
				Copper oxide (CuO)	1317-38-0	4.5%	2.92	
2	Wire	SFBW	1.017	Copper (Cu)	7440-50-8	95%	21.72	22.86
				Polyester Resin	68604-67-1	5%	1.14	
3	BASE	LCP E4008	0.412	Aromatic polyester resin	60088-52-0	100%	9.26	9.26
4	Adhesive	6020H-6-3-NH	0.120	Bisphenol A Epoxy Resin	25068-38-6	59%	1.62	2.70
				Alkyd glycidyl ether	68609-97-2	4%	0.10	
				Methyl imidazole	693-98-1	10%	0.25	
				Carbon black	1333-86-4	5%	0.14	
				Silicon dioxide	7631-86-9	22%	0.59	
5	SOLDER	Lead free solder	0.02	Tin (Sn)	7440-31-5	96.5%	0.43	0.45
				Silver (Ag)	7440-41-6	3%	0.01	
				Copper (Cu)	7440-50-8	0.5%	0.01	
			Total weight	4.448				

This Document was updated on: 2010/7/20

Important remarks:

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