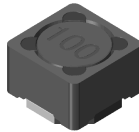


MATERIAL DECLARATION SHEET



Material Number	SRR1280A SERIES			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2013/7/15			
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	F4D	1.67	Iron oxide (Fe ₂ O ₃)	1309-37-1	60.00	22.46	37.43
				Nickel oxide (NiO)	1313-99-1	10.00	3.74	
				Zinc oxide (ZnO)	1314-13-2	20.00	7.49	
				Cupric oxide (CuO)	1317-38-0	10.00	3.74	
2	Wire	2-SFBW	1.52	Copper (Cu)	7440-50-8	95.00	32.36	34.07
				Polyester Resin	109-16-0	5.00	1.70	
3	BASE	LCP-E4008	0.51	Aromatic polyester resin	60088-52-0	70.00	8.00	11.43
				Glass fiber	65997-17-3	30.00	3.43	
4	Terminal	C5191	0.22	Copper (Cu)	7440-50-8	93.60	4.61	4.93
				Tin (Sn)	7440-31-5	6.20	0.31	
				Phosphorus (P)	7723-14-0	0.20	0.01	
5	Adhesive	6020H-2-NH	0.02	Bisphenol A Epoxy Resin	25068-38-6	57.00	0.26	0.45
				Epoxy thinning agent	68609-97-2	3.00	0.01	
				Potential hardener	693-98-1	10.00	0.04	
				Additive	108-88-3	1.00	0.00	
				Colour	1333-86-4	5.00	0.02	
				Filler	7631-86-9	24.00	0.11	
6	Adhesive	6020H-6-QR-NH	0.23	Bisphenol A Epoxy Resin	25068-38-6	58.00	2.99	5.15
				Epoxy thinning agent	68609-97-2	4.00	0.21	
				Potential hardener	693-98-1	10.00	0.52	
				Additive	108-88-3	1.00	0.05	
				Colour	1333-86-4	5.00	0.26	
				Filler	7631-86-9	22.00	1.13	

MATERIAL DECLARATION SHEET



7	Adhesive	LS-0022	0.23	Epoxy resins	61788-97-4	55.00	2.84	5.15
				Silicon	7440-21-3	35.00	1.80	
				Dicyandiamide	461-58-5	5.00	0.26	
				Additives	-	5.00	0.26	
8	Solder	100H	0.012	Tin (Sn)	7440-31-5	100.00	0.27	0.27
9	TAPE	386UL	0.05	Polymer	-	100.00	1.12	1.12
		Total weight	4.462					

This Document was updated on: 2013/7/15

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.