


MATERIAL DECLARATION SHEET



Material Number	SRF1280A Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2013/8/29			
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	DR CORE	TP4A	1.332	Iron oxide	1309-37-1	70.00	22.74	32.49
				Manganese Oxide	1317-35-7	22.00	7.15	
				Zinc oxide	1314-13-2	8.00	2.60	
2	RI CORE	TN25H	1.249	Iron oxide	1309-37-1	65.00	19.80	30.46
				Nickel oxide	1313-99-1	12.50	3.81	
				Zinc oxide	1314-13-2	18.00	5.48	
3	Wire	P180	1.150	Cupric oxide	1317-38-0	4.50	1.37	28.05
				Copper	7440-50-8	95.00	26.65	
4	Base	LCP-E4008	0.200	Polyurethane Resin	68400-67-9	5.00	1.40	4.88
				Aromatic polyester resin	60088-52-0	70.00	3.41	
5	Terminal	C5191	0.028	Glass fiber	65997-17-3	30.00	1.46	0.68
				Copper	7440-50-8	93.60	0.64	
6	Adhesive	6020H-6-QR-NH	0.023	Tin	7440-31-5	6.20	0.04	0.56
				Phosphorus	7723-14-0	0.20	0.00	
				Epoxy Resin	25068-38-6	59.00	0.34	
				Alkyl glycidyl ether	68609-97-2	4.00	0.02	
				Methyl imidazole	693-98-1	10.00	0.06	
				Carbon black	1333-86-4	5.00	0.03	
				Silicon dioxide	7631-86-9	22.00	0.12	
				Epoxy Resin	25068-38-6	58.00	0.33	
				Alkyl glycidyl ether	68609-97-2	3.00	0.02	

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				Methyl imidazole	693-98-1	10.00	0.06	
				Carbon black	1333-86-4	5.00	0.03	
				Silicon dioxide	7631-86-9	24.00	0.13	
8	Adhesive	LS-0022	0.023	Epoxy resins	61788-97-4	55.00	0.31	0.56
				Silicon	7440-21-3	35.00	0.20	
				Dicyandiamide	461-58-5	5.00	0.03	
				Additives, not to declare	Trade secret	5.00	0.03	
				Tin (Sn)	7440-31-5	100.00	0.29	
9	Solder	100H	0.012	Polymer	25765-47-3	100.00	1.46	1.46
10	Tape	386UL Nomex tape	0.060					
		Total weight	4.100					

This Document was updated on: 2013/8/29

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