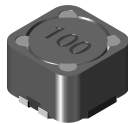


# MATERIAL DECLARATION SHEET



Material Number	SRF1260A 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	TP4A	0.95	Iron oxide	1309-37-1	70.0	22.39	31.99
				Manganese Oxide	1317-35-7	22.0	7.04	
				Zinc oxide	1314-13-2	8.0	2.56	
2	Core	TN40H	0.85	Iron oxide	1309-37-1	65.0	18.60	28.62
				Nickel oxide	1313-99-1	12.5	3.58	
				Zinc oxide	1314-13-2	18.0	5.15	
				Cupric oxide	1317-38-0	4.5	1.29	
3	Wire	2-SFBW	0.56	Copper	7440-50-8	95.0	17.91	18.86
				Polyester Resin	68604-67-1	5.0	0.94	
4	BASE	LCP-E4008	0.14	Aromatic polyester resin	60088-52-0	70.0	3.30	4.71
				Glass fiber	65997-17-3	30.0	1.41	
5	Terminal	C5191	0.1	Copper	7440-50-8	93.6	3.15	3.37
				Tin	7440-31-5	6.2	0.21	
				Phosphorus	7723-14-0	0.2	0.01	
6	Adhesive	6020H-2-NH	0.1	Epoxy Resin	25068-38-6	58.0	1.95	3.37
				.Alkyl glycidyl ether	68609-97-2	3.0	0.10	
				Methyl imidazole	693-98-1	10.0	0.34	
				Carbon black	1333-86-4	5.0	0.17	
				Silicon dioxide	7631-86-9	24.0	0.81	
7	Adhesive	LS-0022	0.23	Epoxy resins	61788-97-4	55.0	4.26	7.74
				Silicon	7440-21-3	35.0	2.71	
				Dicyandiamide	461-58-5	5.0	0.39	
				Additives	-	5.0	0.39	
8	Solder	100H	0.02	Tin	7440-31-5	100.0	0.67	0.67
9	TAPE	386UL	0.02	Meta-aramid fiber blended with para-aramid	25765-47-3 26125-61-1	100.0	0.67	0.67
Total weight			2.97					

# MATERIAL DECLARATION SHEET

**BOURNS®**

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.