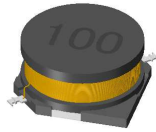


# MATERIAL DECLARATION SHEET



Material Number	SDR1045 Series			Place picture here 
Product Line	SMD Power Inductor			
Compliance Date	2014/08/12			
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	Ferrite Material	F4D	0.822	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	60.0	34.490	57.48
				Zinc oxide (ZnO)	1314-13-2	20.0	5.748	
				Cupric oxide(CuO)	1317-38-0	10.0	11.497	
				Nickel oxide (NiO)	1313-99-1	10.0	5.748	
2	Winding Wire	2SFBW	0.413	Copper(Cu)	7440-50-8	95.0	27.437	28.88
				Polyester Resin	109-16-0	5.0	1.444	
3	Base	LCP-E4008	0.07	Aromatic polyester resin	60088-52-0	70.0	3.427	4.90
				Glass fiber	65997-17-3	30.0	1.469	
4	Terminal	C5191	0.04	Copper (Cu)	7440-50-8	94.97	2.657	2.80
				Tin (Sn)	7440-31-5	5.00	0.140	
				Phosphorus(P)	7723-14-0	0.03	0.001	
		Plating	0.015	Tin (Sn)	7440-31-5	80.0	0.839	1.05
Nickel (Ni)	7440-02-0			20.0	0.210			
5	Adhesive	A-400-36-LH	0.05	reaction mixture of epichlorohydrin and bis-phenol A	25068-38-6	60.0	2.098	3.50
				Catalyst Blend	-	4.0	0.140	
				Mineral filler	1317-65-3	32.0	1.119	
				Thermoplastic copolymer	-	4.0	0.140	

# MATERIAL DECLARATION



6	Solder	100H	0.02	Tin (Sn)	7440-31-5	100.0	1.399	1.40
		Total weight	<b>1.430</b>					

This Document was updated on: **2014/08/12**

### Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. **(16)**