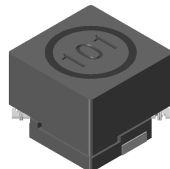


MATERIAL DECLARATION SHEET



Material Number	SRR0604 series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2016/05/31			
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	0.493	Iron oxide (Fe2O3)	1309-37-1	60.0	46.95	78.25
				Nickel oxide (NiO)	1313-99-1	10.0	7.83	
				Zinc oxide (ZnO)	1314-13-2	20.0	15.65	
				Cupric oxide(CuO)	1317-38-0	10.0	7.83	
2	Winding Wire	2SFBW	0.06	Copper(Cu)	7440-50-8	95.0	9.05	9.52
				Polyester Resin	109-16-0	5.0	0.48	
3	Base	LCP-E4008	0.04	Aromatic polyester resin	60088-52-0	70.0	4.44	6.35
				Glass fiber	65997-17-3	30.0	1.90	
		C5191	0.01	Copper (Cu)	7440-50-8	93.6	1.49	1.59
				Tin (Sn)	7440-31-5	6.2	0.10	
		Plating	0.002	Phosphorus(P)	7723-14-0	0.2	0.003	0.32
				Tin (Sn)	7440-31-5	80.0	0.25	
Nickel (Ni)	7440-02-0	20.0	0.06					
4	Adhesive	#2089	0.01	Epoxy Resin	25085-99-8	50.0	0.79	1.59
				Epoxide Diluent	26761-45-5	7.0	0.11	
				Dicyandiamide	461-58-5	8.0	0.13	
				Calcium carbonate	471-34-1	35.0	0.56	
5	Adhesive	6020H-6-QR-NH	0.005	Bisphenol A Epoxy Resin	25068-38-6	59.0	0.47	0.79
				Potential hardener	693-98-1	14.0	0.11	
				Carbon Black	1333-86-4	5.0	0.04	

MATERIAL DECLARATION SHEET



				Aluminum hydroxide	21645-51-2	22.0	0.17	
6	Adhesive	A-400-36-LH	0.005	reaction mixture of epichlorohydrin and bis-phenol A	25068-38-6	64.0	0.51	0.79
				Calcium Carbonate	1317-65-3	32.0	0.25	
				Thermoplastic copolymer	75701-44-9	4.0	0.03	
7	Solder	100H	0.0045	Tin (Sn)	7440-31-5	100.0	0.71	0.71
8	Tube	NHR2 / NHR4	0.0005	Polyethylene	9002-88-4	55.0	0.04	0.08
				Magnesium Hydroxide	1309-42-8	38.0	0.030	
				Carbon black	1333-86-4	4.0	0.003	
				Red Phosphorous	7723-14-0	3.0	0.002	
		Total weight	0.63					

This Document was updated on: 2016/06/03

Important remarks:

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