


MATERIAL DECLARATION



Material Number	SRR6038 series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2017/03/07			
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	Ferrite	0.668	Iron oxide (Fe ₂ O ₃)	1309-37-1	63.0	52.61	83.50
				Nickel oxide (NiO)	1313-99-1	12.0	10.02	
				Zinc oxide (ZnO)	1314-13-2	20.0	16.70	
				Cupric oxide(CuO)	1317-38-0	5.0	4.18	
2	Winding Wire	Cu	0.045	Copper(Cu)	7440-50-8	95.0	5.34	5.63
				Polyurethane resin	9009-54-5	5.0	0.28	
3	Terminal	Plating	0.022	Silver(Ag)	7440-22-4	46.0	1.27	2.75
				Nickel (Ni)	7440-02-0	18.0	0.50	
				Tin (Sn)	7440-31-5	36.0	0.99	
4	Adhesive	Resin	0.033	Bisphenol A Epoxy Resin	25068-38-6	73.0	3.01	4.13
				Color	1333-86-4	5.0	0.21	
				Filler	21645-51-2	22.0	0.91	
5	Solder bar	Tin	0.015	Tin (Sn)	7440-31-5	96.5	1.81	1.88
				Silver(Ag)	7440-22-4	3.0	0.06	
				Copper(Cu)	7440-50-8	0.5	0.01	
6	Solder Wire	Tin	0.014	Tin (Sn)	7440-31-5	99.0	1.73	1.75
				Silver(Ag)	7440-22-4	0.5	0.01	
				Copper(Cu)	7440-50-8	0.5	0.01	
7	Ink	Black	0.003	Butanone	78-93-3	87.0	0.33	0.38
				Cellulose nitrate	-	7.0	0.03	
				Mixture of chromium (III) naphthalenolateo dyes	-	5.0	0.02	
				Propan-2-ol	67-63-0	1.0	0.004	
Total weight			0.8					

This Document was updated on: 2017/03/07

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