


MATERIAL DECLARATION



Material Number	SDR0403 Series			
Product Line	SMD Power Inductor			
Compliance Date	2015/03/16			
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	0.116	Iron oxide (Fe ₂ O ₃)	1309-37-1	65.0	42.12	64.80
				Nickel oxide (NiO)	1313-99-1	12.5	8.10	
				Zinc oxide (ZnO)	1314-13-2	18.0	11.66	
				Cupric oxide(CuO)	1317-38-0	4.5	2.92	
2	Winding Wire	Copper	0.058	Copper(Cu)	7440-50-8	95.0	30.78	32.40
				Polyurethane resin	9009-54-5	5.0	1.62	
3	Terminal	CYGE	0.003	Silver(Ag)	7440-22-4	46.0	0.77	1.68
				Nickel (Ni)	7440-02-0	18.0	0.30	
				Tin (Sn)	7440-31-5	36.0	0.60	
4	Solder	Tin	0.002	Tin (Sn)	7440-31-5	99.0	1.11	1.12
				Silver(Ag)	7440-22-4	0.5	0.01	
				Copper(Cu)	7440-50-8	0.5	0.01	
		Total weight	0.179					

This Document was updated on: 2015/03/16

Important remarks:

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