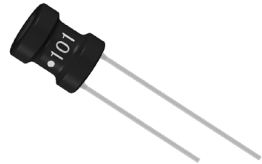


MATERIAL DECLARATION SHEET



Material Number	RLB1014 Series (101~123)			
Product Line	Radial Inductor			
Compliance Date	2017/02/16			
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	Core	Ferrite	1.525	Iron oxide (Fe ₂ O ₃)	1309-37-1	62.0	38.91	62.76
				Zinc oxide (ZnO)	1314-13-2	20.0	12.55	
				Cupric oxide(CuO)	1317-38-0	10.0	6.28	
				Nickel oxide (NiO)	1313-99-1	8.0	5.02	
2	Lead Wire	CP WIRE	0.15	Iron (Fe)	7439-89-6	76.0	4.69	6.17
				Copper (Cu)	7440-50-8	20.0	1.23	
				Tin (Sn)	7440-31-5	3.7	0.23	
				Nickel (Ni)	7440-02-0	0.3	0.02	
3	WIRE	Copper	0.423	Copper(Cu)	7440-50-8	100.0	17.40	18.31
			0.022	Polyurethane resin	9009-54-5	100.0	0.92	
4	Adhesive	Adhesive	0.192	Epoxy Resin	25085-99-8	50.0	3.95	7.90
				Epoxide Diluent	26761-45-5	7.0	0.55	
				Dicyandiamide	461-58-5	8.0	0.63	
				Calcium carbonate	471-34-1	35.0	2.77	
5	Solder	Tin	0.074	Tin (Sn)	7440-31-5	100.0	3.05	3.05
6	Tube	Tube	0.042	Polyethylene	9002-88-4	55.0	0.95	1.73
				Magnesium Hydroxide	1309-42-8	38.0	0.66	
				Carbon black	1333-86-4	4.0	0.07	
				Phosphorous	7723-14-0	3.0	0.05	
7	Ink	White	0.002	Cyclic isoprene modified phenol	68441-13-4	10.0	0.008	0.08

MATERIAL DECLARATION SHEET

BOURNS®

				Phenolic modified rosin	-	10.0	0.008	
				Alkyd modified linseed oil	-	4.0	0.003	
				Titanium dioxide	13463-67-7	42.0	0.035	
				Silica	112945-52-5	3.0	0.002	
				Linseed oil	8001-26-1	15.0	0.012	
				Carbitol derivative	124-17-4	15.0	0.012	
				Co Naphthenate	61789-51-3	1.0	0.001	
			Total weight	2.43				

This Document was updated on: 2017/02/16

Important remarks:

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