

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	RL824 Series			
Product Line	Radil Lead Chokes			
Compliance Date	2016-05-31			
RoHS Compliant	yes	MSL	Dimensions: mm	
			A :10.5Max	
			B :15.5Max	
			C: 5.00	
			D: 5.00	
			E :0.7	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	core	core	2400	Nickel oxide	1313-99-1	11	5.782	52.562
				Copper oxide	1317-38-0	9	4.731	
				Iron oxide	1332-37-2	65	34.165	
				Zinc oxide	1309-37-0	15	7.884	
2	wire	Magnetic Wire	1700	Copper	7440-50-8	94	34.998	37.232
				polyurethane	9010-69-9	6	2.234	
3	Lead wire	lead wire	205	copper	7440-50-8	97	4.3553	4.490
				Tin	7740-31-5	3	0.1347	
4	solder	solder	2	Tin	7440-31-5	99.3	0.0437	0.044
				copper	7440-50-8	0.7	0.0003	
5	Resin	varnish	5	Styrene monomer modified	100-42-5	100	0.110	0.110
6	UV GLUE	EXPOXY	53.9	Resin epoxy	24969-06-0	50	0.59	1.18
				Amyl acetate	628-63-7	20	0.236	
				Silicon dioxide	7631-86-9	10	0.118	
				Silicon	7631-86-9	20	0.236	
7	Insulation	UL tube	200	Polyethylene	9002-88-4	55	2.409	4.38
				Phosphorous	7723-14-0	3	0.1314	
				MAGNESIUM COMPOUND	1309-42-89	38	1.6644	
				Carbon black	1333-86-4	4	0.1752	
8	INK	INK	0.1	Ethene homo polymer	9002-86-4	2	0.00004	0.002

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				Tianium dixide	13463-67-7	35	0.0007	
				I-Hyroxycyclohexyl	947-19-3	2	.0.00004	
				Isoamyl 4-(dimethylamino)benz oate	21245-01-2	3	0.00006	
				Silicon dioxide	112945-52-5	5	0.0001	
				2-Propenic acid	53192-18-0	53	0.00106	
		Total weight	4566					

This Document was updated on: 31, May, 2016

Important remarks:

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