


# MATERIAL DECLARATION SHEET

**BOURNS®**

Material Number	RLB1112 V4 SERIES			
Product Line	Radial Inductor			
Compliance Date	2016/08/26			
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	LH14	2.54	Iron oxide	1309-37-1	63.0	36.79	58.39
				Zinc oxide	1314-13-2	18.0	10.51	
				Cupric oxide	1317-38-0	9.0	5.26	
				Nickel oxide	1313-99-1	10.0	5.84	
2	WIRE	2-SFBW	1.55	Copper	7440-50-8	95.0	33.85	35.63
				Modified Polyester Resin	-	5.0	1.78	
3	Solder	100H	0.05	Tin	7440-31-5	100.0	1.15	1.15
4	Tube	NHR2 / NHR4	0.2	Polyethylene	9002-88-4	55.0	2.53	4.6
				Magnesium Hydroxide	1309-42-8	38.0	1.75	
				Carbon black	1333-86-4	4.0	0.18	
				Phosphorous	7723-14-0	3.0	0.14	
5	Marking	White ink	0.01	Cyclic isoprene modified phenol	68441-13-4	10.00	0.0230	0.23
				Phenolic modified rosin	-	10.00	0.0230	
				Alkyd modified linseed oil	-	4.00	0.0092	
				Titanium dioxide	1317-70-0	42.00	0.0966	
				Silica	14464-46-1	3.00	0.0069	
				Linseed oil	8001-26-1	15.00	0.0345	
				Carbitol derivative	124-17-4	15.00	0.0345	
				Co Naphthenate	61789-51-3	1.00	0.0023	
		Total weight	4.35					

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**This Document was updated on: 2016/08/26**

**Important remarks:**

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