


# MATERIAL DECLARATION



Material Number	RLB0913			
Product Line	Radial Inductor			
Compliance Date	2016/11/02			
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	MGB1	0.741	Iron oxide	1309-37-1	52.0	28.146	54.13
				Zinc oxide	1314-13-2	15.0	8.119	
				Cupric oxide	1317-38-0	17.0	9.202	
				Nickel oxide	1313-99-1	16.0	8.660	
2	Lead Wire	CP WIRE	0.025	Copper	7440-50-8	98.5	1.799	1.83
				Tin	7440-31-5	1.0	0.018	
				Others	-	0.5	0.009	
3	Adhesive	G500HF	0.01	Epoxy Resin	25068-38-6	60.0	0.438	0.73
				TALC	14807-96-6	24.0	0.175	
				1,6-bis(2,3-epoxypropoxy)hexane	16096-31-4	10.0	0.073	
				Silicon dioxide	14808-60-7	5.0	0.037	
				Titanium dioxide	13463-67-7	1.0	0.007	
4	Wire	2-SFBW	0.521	Copper	7440-50-8	95.0	36.154	38.06
				Modified Polyester Resin	-	5.0	1.903	
5	Adhesive	6020H-6-QR-NH	0.05	Bisphenol A Epoxy Resin	25068-38-6	58.0	2.118	3.65
				Alkyd glycidyl ether	68609-97-2	4.0	0.146	
				Methyl imidazole	693-98-1	10.0	0.365	
				Carbon black	1333-86-4	5.0	0.183	
				Aluminum hydroxide	21645-51-2	22.0	0.804	
				Additives, not to declare	-	1.0	0.037	

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6	Solder bar	0505H	0.01	Tin	7440-31-5	99.0	0.723	0.73
				Silver	7440-22-4	0.5	0.004	
				Copper	7440-50-8	0.5	0.004	
7	Tube	H-TUBE	0.01	Polyolefin	9002-88-4	80.0	0.584	0.73
				Magnesium hydroxide	1309-42-8	15.0	0.110	
				Pigment	Proprietary	5.0	0.037	
8	Ink	White ink	0.002	Cyclic isoprene modified phenol	68441-13-4	15.2	0.0228	0.15
				Phenolic modified rosin	-	15.2	0.0228	
				Titanium dioxide	13463-67-7	63.6	0.0954	
				Silica, amorphous fumed	112945-52-5	4.5	0.00675	
				Co Naphthenate	61789-51-3	1.5	0.00225	
		Total weight	1.369					

**This Document was updated on: 2016/11/02**

**Important remarks:**

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