

# MATERIAL DECLARATION SHEET



Material Number	RLB0712-L series			
Product Line	Through-hole Inductor			
Compliance Date	7-8-2005			
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 core	0.664	Iron oxide	1309-37-1	67	36.2	54.0
				Zinc oxide	1314-13-2	18	9.7	
				Nickel oxide	1313-99-1	7	3.8	
				Copper oxide	1317-38-0	8	4.3	
2	Lead wire	Tinned copper wire	0.086	Copper	7440-50-8	94	6.6	7.0
				Tin	7440-31-5	6	0.4	
3	Solder	solder	0.006	Tin	7440-31-5	100	0.5	0.5
4	Wire	Enameled copper wire	0.365	Copper	7440-50-8	95	28.2	29.7
				Polyester Resin	68604-67-1	5	1.5	
5	Adhesive	Epoxy resin	0.010	Epoxy	25068-38-6	100	0.8	0.8
6	Tube	Plastic	0.098	Polyolefin	9003-07-0	100	8	8
Total weight			1.229					

**This Document was updated on: September 20, 2010**

**Important remarks:**

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