


MATERIAL DECLARATION SHEET



Material Number	RLB0911-1R0M			
Product Line	Radial Inductor			
Compliance Date	2022/10/18			
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	C5A	0.89	Iron oxide (Fe ₂ O ₃)	1309-37-1	62.0	40.57	65.44
				Zinc oxide (ZnO)	1314-13-2	20.0	13.09	
				Cupric oxide(CuO)	1317-38-0	10.0	6.54	
				Nickel oxide (NiO)	1313-99-1	8.0	5.24	
2	Lead Wire	CP Wire	0.15	Copper (Cu)	7440-50-8	92.0	10.15	11.03
				Tin (Sn)	7440-31-5	8.0	0.88	
3	Wire	2-SFBW	0.275	Copper(Cu)	7440-50-8	95.0	19.21	20.22
				polyurethane Resin	CONFIDNETAL	5.0	1.01	
4	Adhesive	#2089	0.02	Epoxy Resin	25068-38-6	57.0	0.84	1.47
				Dicyandiamide	461-58-5	6.0	0.09	
				Calcium carbonate	471-34-1	20.0	0.29	
				Aluminium hydroxide	21645-51-2	15.0	0.22	
				Carbon Black	1333-86-4	2.0	0.03	
5	Solder	100H	0.013	Tin (Sn)	7440-31-5	100.0	0.96	0.96
6	Tube	H-TUBE	0.012	Magnesium hydroxide	1309-42-8	70.0	0.61	0.88
				Phosphorus	7723-14-0	20.0	0.18	

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				Pigment	CONFIDNETAL	10.0	0.09	
		Total weight	1.36					

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Important remarks:

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