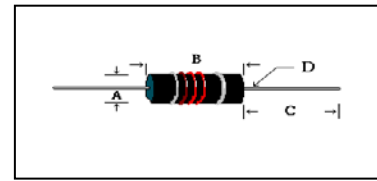


# MATERIAL DECLARATION SHEET



Material Number	9230 series of models		
Product Line	Radial Lead Chokes		
Compliance Date	DEC 24 2021		
RoHS Compliant	Yes	MSL	1



No.	Construction Element (subpart)	Homogeneous Material	Material Weight(mg)	Homogeneous Material/ Substances	CASRN if applicable	Materials Mass %	Materials mass [%]of total unit wt.	Subpart mass of total wt. %
1	Core	Core	36	Nickel oxide	1313-99-1	11	2.01015	18.274
				Copper oxide	1317-38-0	9	1.64466	
				Iron oxide	1309-37-0	65	11.8781	
				Zinc oxide	1314-13-2	15	2.7411	
2	Wire	Magnetic Wire	27.5	Copper	7440-50-8	96	13.40064	13.959
				Polyurethane	9010-69-9	4	0.55836	
3	lead wire	lead wire	65	Copper	7440-50-8	98	32.3351	32.995
				Tin	7740-31-5	2	0.6599	
4	solder	solder	1	Tin	7440-31-5	99.3	0.50406	0.50761
				copper	7440-50-8	0.7	0.00355	
5	Resin	varnish	4	Isophorone	78-59-1	50	1.01525	2.0305
				Other solvent	111-76-2	50	1.01525	
6	UV GLUE	EXPOXY	12	Epoxy resin	24969-06-0	20	1.21828	6.0914
				Phenolic Resin	628-63-7	25	1.52285	
				dicyandiamide	007631-86-9	7	0.4264	
				Fenurontca	60676-86-0	4	0.24365	
				Carbon Black/Titanium Dioxide	108-88-3	1	0.0609	
				Bentonite	7429-90-5	5	0.30457	
				4, 4'-diphenylmethane diisocyanate	7440-31-5	15	0.91371	
Silver	7440-22-4	23	1.4010					
7	CASE		51.5	polymeric	9035-99-8	100	26.1421	26.1421
			197					

This Document was updated on: [DEC 24 2021](#)

**Important remarks:** It is the responsibility of the user to verify they are accessing the latest version.