

MATERIAL DECLARATION



Material Number	2200LL-RC			
Product Line	Inductor			
Compliance Date	17-APR-2023			
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	Toroid core	CS234125	15.3	Nickel	7440-02-0	79	54.99	69.61
				Iron	7439-89-6	17	11.83	
				Molybdenum	7439-98-7	4	2.78	
2	Copper wire	AWG#18 MW80CN	6.1	Copper	7440-50-8	97	26.92	27.75
				Polyurethane	9009-54-5	1	0.28	
				Cresol	108-39-4	1	0.28	
				Polyester RXYleneesin	1330-20-7	1	0.28	
3	Tape	3M#44	0.4	Polyester Film	25038-59-9	55	1.001	1.82
				Polyisoprene Rubber	9003-31-0	25	0.455	
				Tackifying Resin	68240-09-5	14.5	0.264	
				Titanium Dioxide	13463-67-7	4.5	0.0819	
				Calcium and Zinc Salts	68188-23-8	1	0.0182	
4	Epoxy	3300A-LD-1	0.05	Epoxy resin	25068-38-6	42.5	0.10	0.23
				Aikyl Dimethiconol	24969-06-0	2.5	0.01	
				Carbon Black	31692-79-2	0.5	0.00	
				Alkyl(C12-C14) glycidyl ether	1333-86-4	4.5	0.01	
				Polyamide Resin	68609-97-2	45	0.10	
				Tris(dimethylaminomethyl)pheno	63428-84-2	5	0.01	
5	Epoxy	3300B-LD-1	0.05	Epoxy resin	24969-06-0	43	0.1	0.23
				Aikyl Dimethiconol	31692-79-2	2.5	0.01	
				Alkyl(C12-C14) glycidyl ether	68609-97-2	4.5	0.01	

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				Polyamide Resin	63428-84-2	45	0.1	
				Tris(dimethylaminomethyl)phenol	90-72-2	5	0.01	
6	Lead free solder	Sn96.5/Ag3.0/Cu0.5	0.08	Tin	7440-31-5	96.5	>0.327	0.36
				Silver	7440-22-4	3	<0.018	
				Copper	7440-50-8	.5	<0.0073	
				Total weight	21.98			

This Document was updated on: 4-24-23

Important remarks:

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