

MATERIAL DECLARATION SHET



Material Number	153231			
Product Line	Model 15323x Series – AC & DC Choke			
Compliance Date	06. August 2025			
RoHS Compliant	Yes	MSL	N/A	
Total weight	647.09 g			

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 unit wt.
1	Toroid core, gapped	Ferrite core	397.20	Manganese-Zinc-Ferrite	12645-49-7	100	61.38	61.38
2	Insulation cap	Glass fiber reinforced Polyamide	5.00	PA66	32131-17-2	55.5	0.43	0.77
				Glass fiber	65997-17-3	35	0.27	
				red Phosphorus	7723-14-0	6	0.05	
				Talc	14807-96-6	2	0.02	
				Additives, not to declare	--	1.5	0.01	
3	Adhesive	PMMA Adhesive	2.00	Polymethyl methacrylate	9011-14-7	99.5	0.31	0.31
				Additives, not to declare	--	0.5	0.002	
4	Fiberglass Tape	Fiberglass	1.19	Silicon dioxide	60676-86-0	98	0.18	0.28
				Misc., not to declare	--	2	0.004	
		Adhesive Layer	0.61	Rubber, synthetic, acrylic	67254-76-6	98	0.09	
				Misc., not to declare	--	2	0.002	
5	Enameled wire	Copper wire	117.42	Copper	7440-50-8	100	18.15	18.39
		Insulation Coating	1.58	Polyesterimide	37317-16-1	78.8	0.19	
				Polyamide-imide	31957-38-7	19.7	0.05	
				Additives, not to declare	--	1.5	0.004	

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6	Enameled wire	Copper wire	77.14	Copper	7440-50-8	100	11.92	12.21
		Insulation Coating	1.86	Polyesterimide	37317-16-1	78.8	0.23	
				Polyamide-imide	31957-38-7	19.7	0.06	
				Additives, not to declare	--	1.5	0.004	
7	Cable Tie	Polyamide	4.30	PA66	32131-17-2	97	0.64	0.66
				Carbon Black	1333-86-4	0.55	0.004	
				Additives, not to declare	--	2.45	0.016	
8	Housing	Glass fiber reinforced Polyamide	13.25	PA66	32131-17-2	55.5	1.14	2.05
				Glass fiber	65997-17-3	35	0.72	
				red Phosphorus	7723-14-0	6	0.12	
				Talc	14807-96-6	2	0.04	
				Additives, not to declare	--	1.5	0.03	
9	Tin-coated Wire	Copper wire	1.98	Copper	7440-50-8	100	0.31	0.31
		Sn Coating	0.02	Tin	7440-31-5	99.87	0.003	
				Lead	7439-92-1	0.01	0.0000003	
				Antimony	7440-36-0	0.04	0.000001	
				Arsenic	7440-38-2	0.03	0.000001	
				Cadmium	7440-43-9	0.001	0.00000003	
				Misc., not to declare	--	0.05	0.000001	

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10	Adhesive Tape	PET Foil	0.06	Polyethylene terephthalate	25038-59-9	95	0.01	0.03
				Misc., not to declare	--	5	0.0005	
		PET non-woven	0.05	Polyethylene terephthalate	25038-59-9	99.75	0.01	
				Misc., not to declare	--	0.25	0.00002	
		Adhesive Layer 1	0.02	Poly(2-ethylhexyl acrylate, acrylic acid)	25134-51-4	60	0.002	
				Titanium dioxide	13463-67-7	29	0.001	
				Amino resin	68002-25-5	5	0.0002	
				Melamine resin	9003-08-1	2.5	0.0001	
				Phenolic Resin	9003-35-4	1.5	0.00005	
				Misc., not to declare	--	2	0.0001	
		Adhesive Layer 2	0.09	Hydrogenated rosin, pentaerythritol ester	64365-17-9	33.5	0.005	
				Natural Rubber	9006-04-6	31.5	0.004	
				Bicyclo(3.1.1)heptane, 6,6-dimethyl-2-methylene-, homopolymer	25719-60-2	12	0.002	
				Styrene-butadiene rubber	9003-55-8	9	0.001	
				Zinc oxide	1314-13-2	5	0.001	
				Phenolic Resin	9003-35-4	4.5	0.001	
				Fatty acids, C16-18, zinc salts	91051-01-3	1.5	0.0002	
				Thiram	137-26-8	0.5	0.0001	
				Zinc bis(dibutyldithiocarbamate)	136-23-2	0.5	0.0001	
				Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	68610-51-5	0.5	0.0001	
				N,N'-Caprolactam disulfide	23847-08-7	0.5	0.0001	
				Misc., not to declare	--	1	0.0001	

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11	Potting Compound	Epoxy Potting	23.30	Bisphenol A diglycidyl ether	1675-54-3	18.19	0.65	3.60
				Poly(propylene glycol) diglycidyl ether	26142-30-3	14.14	0.51	
				Polyamide polymer	68082-29-1	16.17	0.58	
				4-Morpholinecarbaldehyde	4394-85-8	0.25	0.009	
				Calcium carbonate	471-34-1	0.15	0.005	
				Aluminium hydroxide	21645-51-2	50.6	1.82	
				Quartz	14808-60-7	0.25	0.009	
				Carbon black	1333-86-4	0.25	0.009	
12	Solder	Sn99Ag0.3Cu0.7	0.02	Tin	7440-31-5	98.75	0.003	0.003
				Copper	7440-50-8	0.7	0.00002	
				Silver	7440-22-4	0.3	0.00001	
				Antimony	7440-36-0	0.1	0.000003	
				Lead	7439-92-1	0.07	0.000002	
				Bismuth	7440-69-9	0.05	0.000002	
				Indium	7440-74-6	0.03	0.000001	

This Document was updated on:

Important remarks:

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