


# MATERIAL DECLARATION SHEET



Material Number	CM13093CT-102			
Product Line	COMMON MODE CHOKE			
Compliance Date	15-Aug-24			
RoHS Compliant	Comply RoHS	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	BOBBIN	PF-PM9630	230	Phenol, polymer with formaldehyde	9003-35-4	50.00	3.517	7.034
				GF-Fiber	65997-17-3	45.00	3.165	
				Kaolin, calcined	92704-41-1	3.00	0.211	
				Fatty acids, tallow, hydrogenated	61790-38-3	1.00	0.070	
				Zinc stearate	557-05-1	0.50	0.035	
				Carbon black	1333-86-4	0.40	0.028	
				Others, not to declare	system	0.10	0.007	
2	PIN	CP	190	Copper	7440-50-8	13.40	0.779	5.810
				Tin	7440-31-5	3.50	0.203	
				Iron	7439-89-6	83.00	4.822	
				other, not to declare	-	0.10	0.006	
		Plating Tin	6	Tin	7440-31-5	99.90	0.183	0.183
				Others, not to declare	system	0.10	0.000	
		Plating Ni	4	Nickel	7440-02-0	99.90	0.122	0.122
Others, not to declare	system			0.10	0.000			
3	SOLDER	Tin	20	Tin	7440-31-5	99.22	0.607	0.612
				Copper	7440-50-8	0.70	0.004	
				Miscellaneous	system	0.08	0.001	

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4	BASE	FR-4	40	Glass Fiber	65997-17-3	55.00	0.673	1.223
				Epoxy Resin	26265-08-7	43.00	0.526	
				others, not to declare	system	2.00	0.024	
5	GLUE	Epoxy Resin	80	Epoxy Resin	25068-38-6	56.00	1.370	2.446
				Silica	14464-46-1	10.00	0.245	
				Polyamine	64754-98-9	33.00	0.807	
				Silicone Oil	63148-62-9	1.00	0.024	
6	CORE	MnZn-Ferrite	1440	Iron manganese zinc oxide	12645-49-7	99.80	43.949	44.037
				others, not to declare	system	0.20	0.088	
		EP Coating	130	Epoxy Resin	61788-97-4	50.00	1.988	3.976
				C.I. Pigment Blue	147-14-8	10.00	0.398	
				Silicon dioxide	60676-86-0	15.00	0.596	
				Calcium carbonate	471-34-1	25.00	0.994	
7	WIRE	C1100	1090	Copper	7440-50-8	99.90	33.300	33.333
				Miscellaneous	system	0.10	0.033	
		PUR	40	Polyurethane Resin	9009-54-5	99.90	1.222	1.223
				others, not to declare	system	0.10	0.001	
		Total weight	3270 mg					

This Document was updated on: **15-Aug-2024**

**Important remarks:**

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