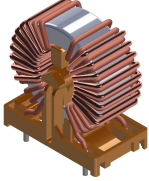


# MATERIAL DECLARATION



Material Number	047701			
Product Line	CMC-Choke			
Compliance Date	December 02, 2022			
RoHS Compliant	YES	MSL	N/A	

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	Ferrite Core	Manganese-Zinc-Ferrite	28.0	Manganese-Zinc-Ferrite	12645-49-7	100	52.04	52.04
		Coating	0.8	Epoxy Resin	--	45.0-50.0	0.67-0.74	1.49
				Barite (BaSO <sub>4</sub> )	13462-86-7	31.415	0.47	
				Titanium Dioxide	13463-67-7	15.0-15.5	0.22-0.23	
				Polyethylene	9002-88-4	2.0-2.5	0.03-0.04	
				Iron hydroxide oxide yellow	51274-00-1	0.30-0.35	0.005	
				Diiron-trioxide	1309-37-1	0.25-0.30	0.005	
				Copper phthalocyanine	147-14-8	0.10-0.15	0.002	
				Carbon Black	1333-86-4	0.07-0.08	0.001	
				Polytetrafluoroethylene	9002-84-0	0.03-0.04	0.001	
1-o-Tolylbiguanide	93-69-6	0.0-2.5	0.0-0.04					
Benzoin	119-53-9	0.0-0.6	0.0-0.01					
2	Mounting Plate	Glass Fiber Reinforced Polyamide	3.2	Polyamide 66	32131-17-2	57.0	3.39	5.95
				Glass Fiber	65997-17-3	35.0	2.08	
				Red Phosphorous	7723-14-0	6.0	0.36	
				Additives, not to declare	--	2.0	0.12	
3	Spacer	Glass Fiber Reinforced Polyamide	1.7	Polyamide 66	32131-17-2	57.0	1.80	3.16
				Glass Fiber	65997-17-3	35.0	1.11	
				Red Phosphorous	7723-14-0	6.0	0.19	
				Additives, not to declare	--	2.0	0.06	
4	SIW Wire	Single Insulated Wire	20.0	Copper	7440-50-8	95	35.32	37.17
				Polyurethane	9009-54-5	4.75	1.77	
				Additives, not to declare	--	0.25	0.09	

# MATERIAL DECLARATION



5	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99.0	0.18	0.19
				Copper	7440-50-8	0.7	0.001	
				Silver	7440-22-4	0.3	0.001	
		Total weight	53.8					

**This Document was updated on:** August 4, 2023

**Important remarks:**

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