

MATERIAL DECLARATION



Material Number	047702			
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	49.30	49.30
		Coating	0.8	Epoxy Resin	--	45.0-50.0	0.63-0.70	1.41
				Barite (BaSO ₄)	13462-86-7	31.415	0.44	
				Titanium Dioxide	13463-67-7	15.0-15.5	0.21-0.22	
				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	0.004	
				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	3.21	5.63
				Glass Fiber	65997-17-3	35.0	1.97	
				Red Phosphorous	7723-14-0	6.0	0.34	
				Additives, not to declare	--	2.0	0.11	
3	Spacer	Glass Fiber Reinforced Polyamide	1.7	Polyamide 66	32131-17-2	57.0	1.71	2.99
				Glass Fiber	65997-17-3	35.0	1.05	
				Red Phosphorous	7723-14-0	6.0	0.18	
				Additives, not to declare	--	2.0	0.06	
4	SIW Wire	Single Insulated Wire	23.0	Copper	7440-50-8	95	38.47	40.49
				Polyurethane	9009-54-5	4.75	1.92	
				Additives, not to declare	--	0.25	0.10	

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5	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99.0	0.17	0.18
				Copper	7440-50-8	0.7	0.001	
				Silver	7440-22-4	0.3	0.001	
		Total weight	56.8					

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.