

MATERIAL DECLARATION SHEET



Material Number	152907-000			
Product Line	PFC Choke			
Compliance Date	28. Jan 2026			
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 unit wt.
1	Toroid Core	Powder Core	33.25	Iron	7439-89-6	82	39.63	50.87
				Silicon	7440-21-3	8.5	4.11	
				Aluminium	7429-90-5	5	2.42	
				Misc., not to declare	--	4.5	2.17	
		Coating	1.75	Epoxy Resin	61788-97-4	64.5	1.64	
				Silica Powder	7631-86-9	33	0.84	
				Carbon black	1333-86-4	1	0.03	
				Misc., not to declare	--	1.5	0.04	
2	Housing	Glass fiber reinforced Polyamide	9.50	PA66	32131-17-2	57	7.66	14.20
				Glass fiber	65997-17-3	35	4.83	
				red Phosphorus	7723-14-0	5	0.83	
				Talc	14807-96-6	1	0.28	
				Additives, not to declare	--	2	0.21	
		CuNi18Zn20	0.26	Copper	7440-50-8	62	0.23	
				Nickel	7440-02-0	18	0.07	
				Zinc	7440-66-6	20	0.08	
		Nickel plating	0.002	Nickel	7440-02-0	99.7	0.003	
				Misc., not to declare	--	0.3	0.00001	
		Tin plating	0.007	Tin	7440-31-5	99.5	0.009	
				Misc., not to declare	--	0.5	0.00005	

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3	Enameled wire	Copper wire	20.58	Copper	7440-50-8	100	29.91	30.52
		Insulation Coating	0.42	Polyesterimide	37317-16-1	78.8	0.48	
				Polyamide-imide	31957-38-7	19.7	0.12	
				Additives, not to declare	--	1.5	0.009	
4	Potting Compound	Epoxy Potting	3.00	Bis-[4-(2,3-epoxipropoxi)phenyl]propan	1675-54-3	18.19	0.79	4.37
				Polypropylenglykol-Diepoxidharz	26142-30-3	14.14	0.62	
				Polyamide polymer	68082-29-1	16.17	0.71	
				4-Morpholinecarbaldehyde	4394-85-8	0.25	0.01	
				Calcium carbonate	471-34-1	0.15	0.007	
				Aluminium hydroxide	21645-51-2	50.6	2.21	
				Quartz	14808-60-7	0.25	0.01	
				Carbon black	1333-86-4	0.25	0.01	
5	Solder	Sn99Ag0.3Cu0.7	0.03	Tin	7440-31-5	98.75	0.043	0.04
				Copper	7440-50-8	0.7	0.0003	
				Silver	7440-22-4	0.3	0.0001	
				Antimony	7440-36-0	0.1	0.00004	
				Lead	7439-92-1	0.07	0.00003	
				Bismuth	7440-69-9	0.05	0.00002	
				Indium	7440-74-6	0.03	0.00001	
		Total weight	68.80					

This Document was updated on: 28. Jan 2026

Important remarks:

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