


MATERIAL DECLARATION SHEET



Material Number	PF-FB2 Series (160~400A)			
Product Line	Power Fuses			
Compliance Date	2022/03/01			
RoHS Compliant	Yes	MSL	1	

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	Fuse element plate	Silver	4.2696	Silver	7440-22-4	100%	1.513%	1.5131%
2	Inner cap-base	Copper	13.23465	Copper	7440-50-8	100%	4.690%	4.6902%
3	Inner cap-plating	Tin plating	0.33935	Tin	7440-31-5	100%	0.120%	0.1203%
4	Outer cap-base	Copper alloy	33.65851	Copper	7440-50-8	68%	8.111%	11.9280%
				Zinc	7440-66-6	32%	3.817%	
5	Outer cap-plating	Tin plating	0.21169	Tin	7440-31-5	100%	0.075%	0.0750%
6	Solder	SnCu solder	1.36	Tin	7440-31-5	96.6253%	0.466%	0.4820%
				Copper	7440-50-8	2.275%	0.011%	
				Rosin	8050-09-7	1.1%	0.001%	
7	Terminal-base	Copper	82.05714	Copper	7440-50-8	100%	29.080%	29.0798%
8	Terminal-plating	Tin plating	0.20566	Tin	7440-31-5	100%	0.073%	0.0729%
9	Rivet-base	Copper alloy	2.5789	Copper	7440-50-8	67%	0.612%	0.9139%
				Lead	7439-92-1	0.05%	0.000%	
				Zinc	7440-66-6	32.9425%	0.301%	
				Cadmium	7440-43-9	0.0075%	0.000%	
10	Rivet-plating	Tin plating	0.0031	Tin	7440-31-5	100%	0.001%	0.0011%

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11	Ceramic tube	Ceramic	129.8507	Aluminum oxide	11092-32-3	95%	43.716%	46.0170%
				Calcium Carbonate	471-34-1	5%	2.300%	
12	Marking Ink	Marking ink (dry)	0.00068	Synthetic epoxy resin	25068-38-6	40.1%	0.00016%	0.0004%
				Pigment	Confidential	17.9%	0.00007%	
				Pigment-carbon black	1333-86-4			
				Pigment-titanium dioxide	13463-67-7			
				Polyamide Resin	68410-23-1	38.8%	0.00015%	
Polydimethylsiloxane	63148-62-9	3.2%	0.00001%					
13	Quartz sand	Silica sand	13	Tridymite silica	15468-32-3	100%	4.607%	4.6070%
14	Paper	Paper	1.069	Silicified Microcrystalline Cellulose	9004-34-6	5.25%	0.0199	0.3788%
				Cellulose	65996-61-4	89.5%	0.339	
				Misc., not to declare	--	5.25%	0.0199	
15	Sodium silicate	Sodium silicate	0.34	Sodium silicate	1344-09-8	18.75%	120%	0.1205%
		Total Weight	282.17898					

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Important remarks: It is the responsibility of the user to verify they are accessing the latest version.