

MATERIAL DECLARATION SHEET



Material Number	PF-FB2 Series (50~150A)		
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	1.4232	Silver	7440-22-4	100%	1.231%	1.2305%
2	Inner cap-base	Copper	7.093125	Copper	7440-50-8	100%	6.133%	6.1332%
3	Inner cap-plating	Tin plating	0.181875	Tin	7440-31-5	100%	0.157%	0.1573%
4	Outer cap-base	Copper alloy	14.39681	Copper	7440-50-8	68%	8.465%	12.4485%
				Zinc	7440-66-6	32%	3.983%	
5	Outer cap-plating	Tin plating	0.10879	Tin	7440-31-5	100%	0.094%	0.0941%
6	Solder	SnCu solder	0.7	Tin	7440-31-5	96.6253%	0.585%	0.6053%
				Copper	7440-50-8	2.275%	0.013%	
				Rosin	8050-09-7	1.1%	0.001%	
7	Terminal-base	Copper alloy	27.89189	Copper	7440-50-8	100%	24.117%	24.1172%
8	Terminal-plating	Tin plating	0.13171	Tin	7440-31-5	100%	0.114%	0.1139%
9	Rivet-base	Copper alloy	1.07707	Copper	7440-50-8	67%	0.624%	0.9313%
				Lead	7439-92-1	0.05%	0.000%	
				Zinc	7440-66-6	32.9425%	0.307%	
				Cadmium	7440-43-9	0.0075%	0.000%	
10	Rivet-plating	Tin plating	0.00173	Tin	7440-31-5	100%	0.001%	0.0015%

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11	Ceramic tube	Ceramic	56.054	Aluminum oxide	11092-32-3	95%	46.045%	48.4681%
				Calcium Carbonate	471-34-1	5%	2.423%	
12	Marking Ink	Marking ink (dry)	0.00068	Synthetic epoxy resin	25068-38-6	43.5%	0.000261%	0.0006%
				Pigment	Confidential	19.5%	0.000117%	
				Pigment-carbon black	1333-86-4			
				Pigment-titanium dioxide	13463-67-7			
				Polyamide resin	68410-23-1	38.8%	0.000233%	
Polydimethylsiloxane	63148-62-9	3.5%	0.000021%					
13	Quartz sand	Silica sand	6	Tridymite	15468-32-3	100%	5.188%	5.1880%
16	Paper	Paper	0.4804	Silicified Microcrystalline Cellulose	9004-34-6	5.25%	0.0218%	0.4154%
				Cellulose	65996-61-4	89.5%	0.3718%	
				Misc., not to declare	--	5.25%	0.0218%	
17	Sodium silicate	Sodium silicate	0.11	Sodium Silicate	1344-09-8	100%	0.095%	0.0951%
		Total Weight	115.65128					

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