

# MATERIAL DECLARATION SHEET



Material Number	PF-KB1 Series (15A)			
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 wire	Silver	0.0471	Silver	7440-22-4	100	0.427%	0.427%
2	Inner cap-base	Copper	1.1109	Copper	7440-50-8	100	10.081%	10.081%
3	Inner cap-plating	Tin plating	0.0227	Tin	7440-31-5	100	0.206%	0.206%
4	Outer cap-base	Copper	4.688653	Copper	7440-50-8	100	42.550%	42.550%
5	Outer cap-plating	Nickel plating	0.137547	Nickel	7440-02-0	100	1.248%	1.248%
6	Ceramic tube	Ceramic	4.29	Silicon dioxide	14808-60-7	53.74	20.922%	38.932%
				Aluminum oxide	1344-28-1	34.48	13.423%	
				Magnesium oxide	1309-48-4	10.32	4.018%	
				Misc., not to declare	-	1.46	0.568%	
7	Quartz sand	Silica sand	0.65	Tridymite silica	15468-32-3	100	5.899%	5.899%
8	Solder	SnCu solder	0.018	Tin	7440-31-5	96.723	0.158%	0.163%
				Copper	7440-50-8	2.277	0.004%	
				Rosin	8050-09-7	1	0.002%	
9	Low melting point alloy	SnCu solder	0.0037	Tin	7440-31-5	97.7	0.033%	0.034%
				Copper	7440-50-8	0.7	0.000%	
				Rosin	8050-09-7	1.6	0.001%	

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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. (%)
10	Paper	Paper	0.05	Silicified Microcrystalline Cellulose	9004-34-6	5.25	0.02385	0.454%
				Cellulose	65996-61-4	89.5	0.4063	
				Misc., not to declare	-	5.25	0.02385	
11	Marking Ink	Marking ink (dry)	0.0006	Synthetic epoxy resin	25068-38-6	40.1	0.0016	0.004%
				Pigment	Confidential	17.9	0.0007	
				Pigment-carbon black	1333-86-4			
				Pigment-titanium dioxide	13463-67-7			
				Polydimethylsiloxane	63148-62-9	3.2	0.0001	
Polyamide resin	68410-23-1	38.8	0.0016					
		Total Weight	11.0192					

**This Document was updated on:** 2022/03/01

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