

MATERIAL DECLARATION SHEET



Material Number	PF-SRC50E series			
Product Line	Power Fuses			
Compliance Date	2025/09/24			
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	Ceramic Tube	Ceramic	13.50	Aluminum oxide	1344-28-1	100.00%	33.42%	33.42%
2	Inner Cap	Copper alloy	2.74	Copper	7440-50-8	62.00%	4.21%	6.79%
				Iron	7439-89-6	0.20%	0.01%	
				Zinc	7440-66-6	37.80%	2.57%	
3	Outer Cap	Copper	5.04	Copper	7440-50-8	100.00%	12.48%	12.83%
		Tin Plating	0.14	Tin	7440-31-5	100.00%	0.35%	
4	Lead Wire	Copper	11.20	Copper	7440-50-8	100.00%	27.73%	27.98%
		Tin Plating	0.10	Tin	7440-31-5	100.00%	0.25%	
5	Plug	Copper alloy	0.11	Copper	7440-50-8	65.00%	0.175%	0.27%
				Zinc	7440-66-6	35.00%	0.095%	
6	Fuse Element	Copper-Silver Element	0.076	Sliver	7440-22-4	100.00%	0.19%	1.88%
			0.684	Copper	7440-50-8	100.00%	1.69%	
7	Filler Materials	Quartz Sand	6.80	Silicon dioxide	7631-86-9	100.00%	16.83%	16.83%
			Total Weight	40.39				

This Document was updated on: 2025/09/24

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