

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	PF-63R50H series			
Product Line	Power Fuses			
Compliance Date	2025/2/11			
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	1.943	Aluminum oxide	1344-28-1	94.226%	55.484	58.885
				Silicon dioxide	7631-86-9	4.94%	2.909	
				Zirconium dioxide	1314-23-4	0.834%	0.49	
2	Cap	Copper alloy	0.3616	Copper	7440-50-8	64.39%	7.056	10.97
				Zinc	7440-66-6	35.60%	3.900	
				Iron	7439-89-6	0.01%	0.001	
		Plating Nickel	0.0004	Nickel	7440-02-0	100.00%	0.010	
3	Cap (outer)	Copper alloy	0.5125	Copper	7440-50-8	64.39%	9.998	15.542
				Zinc	7440-66-6	35.60%	5.526	
				Iron	7439-89-6	0.01%	0.001	
		Plating Nickel	0.0005	Nickel	7440-02-0	100.00%	0.015	
4	Silica Sand	Quartz	0.410	Quartz	14808-60-7	100.00%	12.424	12.424
5	Fuse element	Copper	0.071	Copper	7440-50-8	100.00%	2.148	2.148

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7	Ink	Ink	0.001	Acrylate	/	12.00%	0.003	0.030
				Aluminum	7429-90-5	38.00%	0.009	
				Pentaerythritol Triacrylate	3524-68-3	38.00%	0.009	
				3- Glycidoxypropyltrimethoxysila ne	2530-83-8	12.00%	0.003	
		Total Weight	3.300					