

6*30 F25A 250V Ceramic fuse	Product Specifications	Version number	A/0
		File number	WF-005-26
	Type	Page	Page 1, 3 pages in total

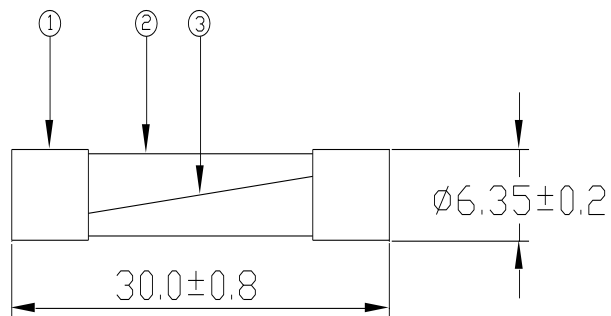
1. Scope of application

This product is suitable for all kinds of electronic and electrical circuits in the over-current protection.

2. Relevant standards and certifications

2.1 Execution standard: National standard environmental protection

3. Structure and size (unit:mm)



4. Raw material details

No.	Part name	Material
①	End cap	The brass surface is nickel plated
②	Ceramic tube	Ceramic
③	Fuse	Alloy wire

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5. Mark

5.1 The following marks are printed on the copper caps at both ends of the fuse:

- 1) A cap: rated current + rated voltage
F25A 250V
- 2) B cap: Model number + certification symbol

5.2 Note

There is no regulation on the size of the label.

6. Appearance

Appearance should not be marked by stains, cracks.

The sign should be easy to read.

7. Mechanical properties

7.1 Tensile strength test

After the fuse is fixed, apply an axial pull of 5N on the copper caps at both ends of the fuse for 1 minute.

After the test, there is no breakage of the fuse.

7.2 Thrust test

After the fuse is fixed, 2N axial thrust is applied for 10 seconds.

After the test, there is no breakage of the fuse.

8. Electrical characteristics

8.1 Experimental Conditions

The ambient temperature of all tests was $25 \pm 5^\circ\text{C}$.

8.2 Load Capability Test

The fuse should not be blown within 1 hour when it passes 130% of the rated current.

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8.3 Breaking ability

Fuse breaking capacity: 500 amps using 125 V AC power.

100 amps use 250 VOLT AC power supply.

8.4 Time-current characteristics

Fusing current	Fusing time
100%	4 hours Min (>4h)
135%	1 hour Max (<1h)
200%	120 sec Max (<120s)
1000%	10ms Min (>10ms)

9. Environment features

9.1 Operating temperature range

And 55 °C ~ 125 °C.

9.2 Storage Conditions

Humidity: relative humidity \leq 75% can be stored for 3 years on average.。

10. Packaging

10.1 100PCS/ box, 100 boxes/box (actual packing depends on customer's order).