

# Φ5\*20mm Time-Lag Low Breaking Capacity Glass Tube Fuse Series

Type

5 2 2(formerly 5T series)



No.522

## Time-Current Characteristic

Time-Lag(T)

Standard

According to IEC 60127-2/III

## Materials

Tube: Glass Tube

End Caps: Nickel-plated brass

Axial Leads: Silver-plated caps

Tin -plated copper wires

## Operating Temperature

-25°C to +70 °C

## Vibration Resistance

24 cycles at 15min each

10-60Hz at 0.75mm amplitude

60-20 00Hz at 10g acceleration

## Soldering Conditions

Wave Solder: 260°C, ≅ 3 sec.

Hand Solder: 350 °C, ≅ 1 sec.

## Resistance to Soldering Heat

260°C, 10sec.(IEC 6006 8-2-20)

## Packing

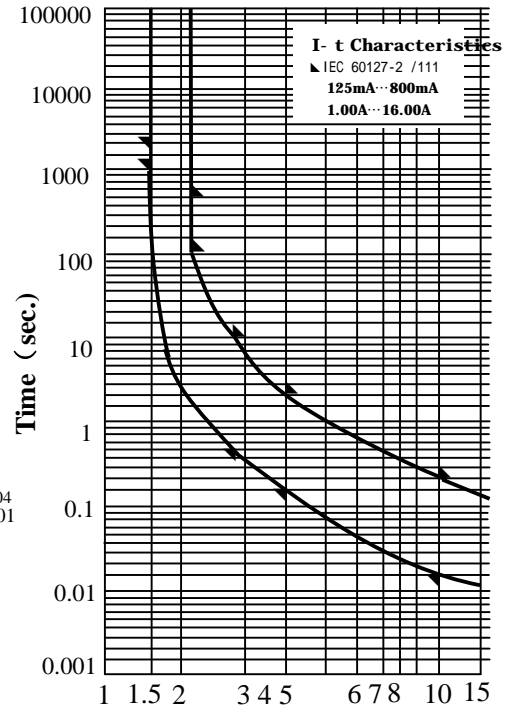
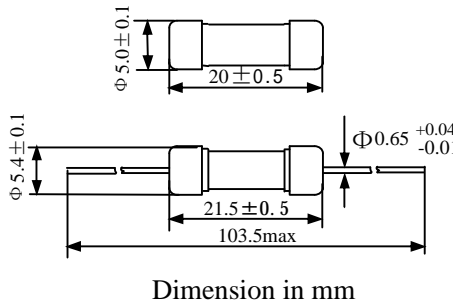
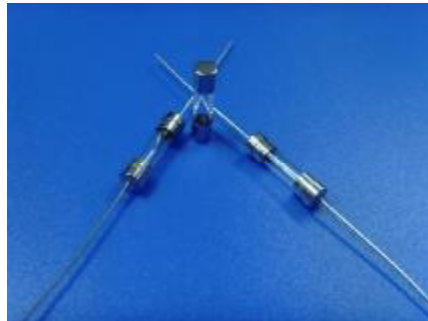
002: Bulk(1000 pcs.)

123: Axial Leads Bulk(1000 pcs.)

143: Axial Tape-Reel (1250 pcs.)

## Web-links & application info see

[www.betterfuse.com/technic.html](http://www.betterfuse.com/technic.html)



## Electrical Characteristics-IEC-60127-2/III

Rated Current	150%	210%	275%	400%	1000%
125mA-10A	>1h	<2min	600ms	...10s	15ms-3s
12A-16A	>30min	<10min	--	--	...300ms

I fault / I rated



Permissible continuous operating current is ≅ 100% at ambient temperature of 23 °C (73.4° F).

Rated Current	Amp Code	Voltage Rating(V)	Voltage Drop(mV)MAX	Breaking Capacity	Approvals	
125mA	0125	125V/250V		900		○ ○ ○ ○ ○
160mA	0160	125V/250V		800		○ ○ ○ ○ ○
200mA	0200	125V/250V		600		○ ○ ○ ○ ○
250mA	0315	125V/250V		550		○ ○ ○ ○ ○
315mA	0400	125V/250V		350		○ ○ ○ ○ ○
400mA	0500	125V/250V		300		○ ○ ○ ○ ○
500mA	0630	125V/250V		250		○ ○ ○ ○ ○
630mA	0630	125V/250V		200	35A/250VAC	○ ○ ○ ○ ○
800mA	0800	125V/250V		180	50-60Hz	○ ○ ○ ○ ○
1.00A	1100	125V/250V		150	COSØ=1.0	● ● ● ○ ○
1.25A	1125	125V/250V		135		○ ● ○ ○ ○
1.60A	1160	125V/250V		125		● ● ● ○ ○
2.00A	1200	125V/250V		110		● ● ● ○ ○
2.50A	1250	125V/250V		100		● ● ● ○ ○
3.15A	1315	125V/250V		90		● ● ● ○ ○
4.00A	1400	125V/250V		80	40A/250VAC/cosØ=1.0	● ● ● ○ ○
5.00A	1500	125V/250V		70	50A/250VAC/cosØ=1.0	● ● ● ○ ○
6.30A	1630	125V/250V		70	63A/250VAC/cosØ=1.0	● ● ● ○ ○
8.00A	1800	125V/250V		120	80A/250V/125V	● ● ○ ○ ●
10.00A	2100	125V/250V		120	100A/250V/125V	● ● ○ ○ ●
12.00A	2120	125V/250V		120	100A/250VAC/cosØ=1.0	○ ● ○ ○ ○
12.50A	2125	125V/250V		120	100A/250VAC/cosØ=1.0	○ ● ○ ○ ●
15.00A	2150	125V/250V		120	100A/250VAC/cosØ=1.0	○ ● ○ ○ ○
16.00A	2160	125V/250V		120	100 A/250VAC/cosØ=1.0	○ ○ ○ ○ ●