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PRODUCT DATASHEET

GLASS TUBE FUSE


**JFG6T GLASS TUBE FUSE**



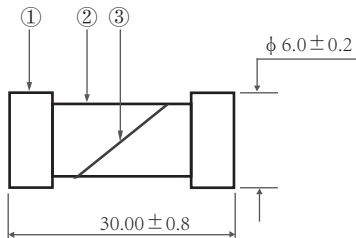
### Description

JFG6T ,Time-Lag glass tube fuse,suitable for various kinds of electronic devices' circuit over current protection. Widely used in industrial of Lighting, Power supply and Adapter applications, etc.

### Agency Approvals

Agency	File Number
	E486200

### Dimensions and Structure(mm.)



NO.	Part Name	Material
①	Cap	Nickel Plated Brass
②	Body	Transparent glass tube
③	Fuse element	Alloy

### Operating Characteristics

% of Ampere Rating(In)	Blowing Time
100%*In	4 hours Min
200%*Ih	120 sec Max

**Performance Specification**

Model	Ampere Rating (A)	Voltage Rating (V)	Breaking Capacity	I <sup>2</sup> T Melting Integral(A <sup>2</sup> .S)
JFG6T0100N/L	0.10	250V	100A@250V	0.11
JFG6T0500N/L	0.50			0.49
JFG6T0630N/L	0.63			1.10
JFG6T0750N/L	0.75			1.54
JFG6T0800N/L	0.80			1.96
JFG6T1100N/L	1.00			4.84
JFG6T1125N/L	1.25			6.76
JFG6T1150N/L	1.50			26.01
JFG6T1160N/L	1.60			28.62
JFG6T1200N/L	2.00			30.25
JFG6T1250N/L	2.50			47.61
JFG6T1300N/L	3.00			121
JFG6T1315N/L	3.15			132
JFG6T1350N/L	3.50			182
JFG6T1400N/L	4.00			324
JFG6T1500N/L	5.00			361
JFG6T1600N/L	6.00			462
JFG6T1630N/L	6.30		496	
JFG6T1800N/L	8.00		676	
JFG6T2100N/L	10.0		1190	
JFG6T2120N/L	12.0	1640		
JFG6T2150N/L	15.0	2500		
JFG6T2200N/L	20.0	3249		

**Product Characteristics**

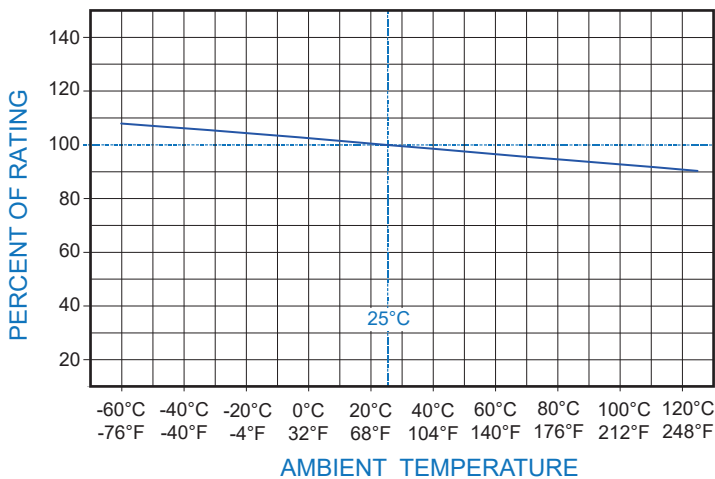
Item	Contain	
Lead Pull Strength	5N for 10±1 Seconds	
Lead Thrust Strength	2N for 10±1 Seconds	
Solder ability	Wave	260°C, ≤3s;
	Soldering Iron	350±10°C, ≤3s
Soldering Heat Resistance	Wave	260°C, 10s
	Soldering Iron	350°C, 5s.

### Electrical Characteristics

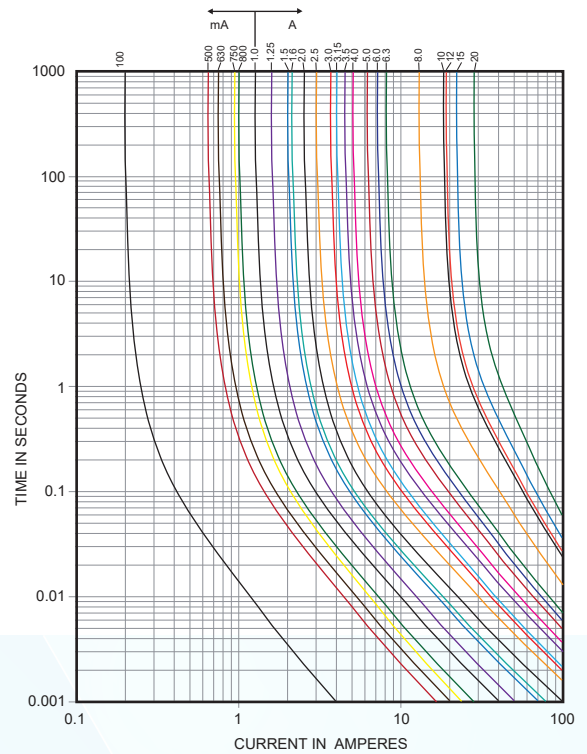
Test Condition	All electrical test is to be conducted with the ambient air at a temperature of 25±5°C
Load capacity	When the fuse loads through 100% of rated current, should blow within 4 hours.
Temperature Test	When the 100% times of Ampere Rating passes the fuse, after reaching thermal balance , the temperature on the fuse surface rising shall not be higher than 75°C. Note: Rising temperature = the Surface temperature - Ambient temperature.

### Environmental Characteristic

When choosing the fuse's specification, if the operating environmental temperature beyond the scope from 20~30°C, engineer should consider the environmental temperature's affection to fuses. Please refer: Temperature Rerating Curve:



### Average Time-Current Curve


**Operating Temperature**

-55°C ~ +125°C

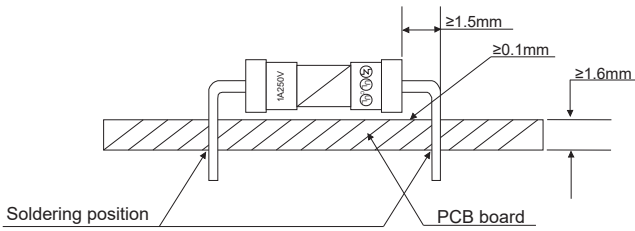
**Stock Condition**

Humidity: Relative humidity ≤ 75% store 3 years in average

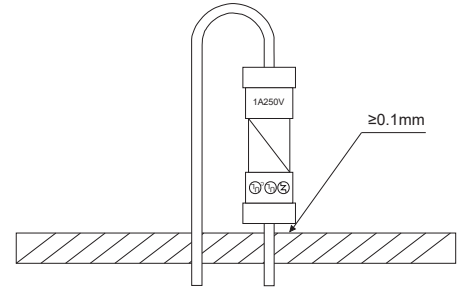
### Installation Recommendations

Propose installation way as following picture:

A.Horizontal installation



B.Vertical installation



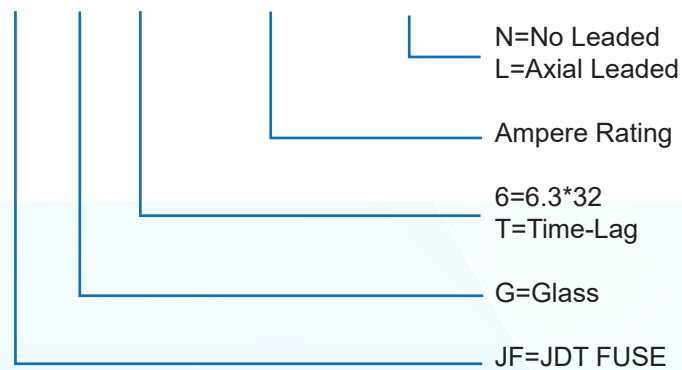
Recommended Soldering Parameters:

#### Recommended Soldering Parameters

Wave Parameters	Solder Pot Temperature: 260°C Max
	Solder Dwell Time: 2~5s
Hand-Solder Parameters	Solder Iron Temperature: 350±5°C
	Heating Time: 5s Max

### Part Number System

## JF G 6T XXXX N/L



### Packaging

Shape	Packaging & Quantity
No Ledged	200 pcs/poly bag
Axial Ledged	100 pcs/poly bag