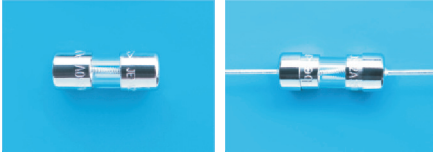


Type 2JS / 3JS  
Time-lag Fuse Series5 x 15mm Glass Tube  
RoHS 6 Compliant

JSD0808



## Electrical Characteristics (UL/CSA STD. 248-14)

| Testing current | Blow Time |          |
|-----------------|-----------|----------|
|                 | Minimum   | Maximum  |
| 100%            | 4 hrs.    | N/A      |
| 135%            | N/A       | 1 hr     |
| 200%            | 3 sec     | 20 sec   |
| 500%            | 100 msec  | 1.5 sec  |
| 1000%           | 30 msec   | 300 msec |

## Approvals



| Safety Agency Approvals                            | Type    | Amp range / Volt @ I.R. ability                                                           |
|----------------------------------------------------|---------|-------------------------------------------------------------------------------------------|
| UL Recognized File No. E20624                      | 2JS/3JS | 100mA - 7A / 350V AC@ 100A<br>100mA - 7A / 125V AC@ 10,000A<br>100mA - 7A / 140V DC@ 150A |
| SP Acceptance File No. LR39772                     | 2JS/3JS | 100mA - 7A / 350V AC@ 100A<br>100mA - 7A / 125V AC@ 10,000A                               |
| File No. JET1037-31003-1001,<br>JET1037-31003-1003 | 2JS/3JS | 1A - 5A / 125V AC@ 500A                                                                   |
| File No. JET1037-31003-1002                        | 2JS     | >5A - 15A / 125V AC@ 300A                                                                 |

## RoHS 6 Compliant Product

## Operating Temperature

-55°C to +125°C

## Physical Specification

## Materials

Glass body / Nickel Plated Brass Caps

Lead Wire:

Matte Tin Plated Copper, Diameter 0.032"

## Option

With Heat Shrink Tubing (VW-1) over body

## Marking

On fuse:

"bel", "JS", "Current Rating", "Voltage Rating"

"Appropriate Safety Logos", "✓" (RoHS 6 compliant)

On label:

"bel", "2JS" or "3JS", "Current Rating", "Voltage Rating"

"Interrupting Rating", "Appropriate Safety Logos" and

"PS E", "CE" (China RoHS compliant)

## Packaging

1. In bulk: 2JS - 2,000 pcs; 3JS - 500 pcs per box

2. On Axial Tape &amp; Reel: 1,500 pcs per reel

3. Tape &amp; Reel specification: per EIA-296-E &amp; IEC 286-1

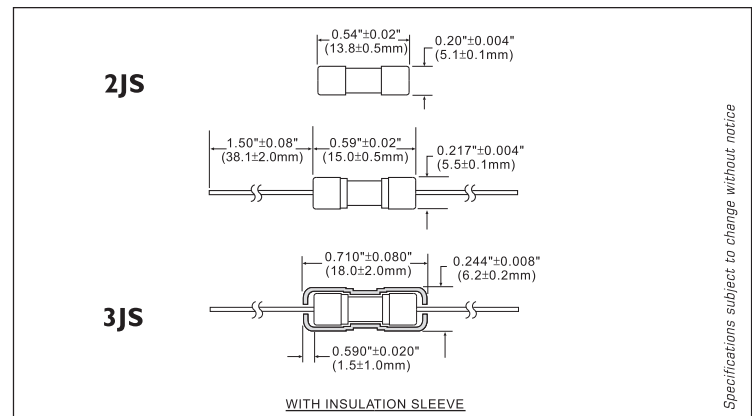
@ 10mm Pitch and 52.4mm inside Tape Spacing

| Catalog Number | Ampere Rating | Typical Cold Resistance (ohm) | Volt-drop @100% In (Volt) max. | Melting I <sup>2</sup> T < 10 mSec (A <sup>2</sup> Sec) | Melting I <sup>2</sup> T @10 In (A <sup>2</sup> Sec) | Maximum Power Dissipation (W) |
|----------------|---------------|-------------------------------|--------------------------------|---------------------------------------------------------|------------------------------------------------------|-------------------------------|
| JS 100-R       | 100mA         | 12.8                          | 1.88                           | 0.068                                                   | 0.088                                                | 0.22                          |
| JS 125-R       | 125mA         | 7.6                           | 1.44                           | 0.107                                                   | 0.138                                                | 0.24                          |
| JS 150-R       | 150mA         | 5.3                           | 1.17                           | 0.167                                                   | 0.216                                                | 0.27                          |
| JS 200-R       | 200mA         | 3.7                           | 1.02                           | 0.26                                                    | 0.34                                                 | 0.30                          |
| JS 250-R       | 250mA         | 2.54                          | 0.89                           | 0.41                                                    | 0.53                                                 | 0.34                          |
| JS 300-R       | 300mA         | 1.50                          | 0.78                           | 0.64                                                    | 0.83                                                 | 0.36                          |
| JS 350-R       | 350mA         | 1.05                          | 0.72                           | 0.80                                                    | 1.03                                                 | 0.40                          |
| JS 400-R       | 400mA         | 0.98                          | 0.67                           | 0.99                                                    | 1.29                                                 | 0.42                          |
| JS 500-R       | 500mA         | 0.57                          | 0.59                           | 1.55                                                    | 2.03                                                 | 0.47                          |
| JS 600-R       | 600mA         | 0.44                          | 0.53                           | 2.20                                                    | 2.30                                                 | 0.49                          |
| JS 700-R       | 700mA         | 0.34                          | 0.49                           | 3.00                                                    | 4.00                                                 | 0.54                          |
| JS 750-R       | 750mA         | 0.310                         | 0.48                           | 3.04                                                    | 3.97                                                 | 0.55                          |
| JS 800-R       | 800mA         | 0.220                         | 0.42                           | 5.00                                                    | 7.00                                                 | 0.60                          |
| JS 1-R         | 1A            | 0.190                         | 0.39                           | 5.93                                                    | 7.76                                                 | 0.64                          |
| JS 1.25-R      | 1.25A         | 0.127                         | 0.34                           | 9.30                                                    | 12.2                                                 | 0.71                          |
| JS 1.5-R       | 1.5A          | 0.096                         | 0.29                           | 14.5                                                    | 19.0                                                 | 0.80                          |
| JS 2-R         | 2A            | 0.064                         | 0.26                           | 22.6                                                    | 29.8                                                 | 0.89                          |
| JS 2.5-R       | 2.5A          | 0.045                         | 0.22                           | 35.3                                                    | 46.6                                                 | 0.99                          |
| JS 3-R         | 3A            | 0.036                         | 0.19                           | 55.2                                                    | 72.9                                                 | 1.10                          |
| JS 3.5-R       | 3.5A          | 0.029                         | 0.18                           | 69                                                      | 91                                                   | 1.16                          |
| JS 4-R         | 4A            | 0.023                         | 0.17                           | 86                                                      | 114                                                  | 1.22                          |
| JS 5-R         | 5A            | 0.019                         | 0.15                           | 135                                                     | 179                                                  | 1.36                          |
| JS 6-R         | 6A            | 0.014                         | 0.13                           | 211                                                     | 279                                                  | 1.51                          |
| JS 7-R         | 7A            | 0.012                         | 0.12                           | 263                                                     | 350                                                  | 1.60                          |

Consult manufacturer for other ratings

\*2JS are cartridge fuses  
3JS are pigtail fuses

## Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE LAST 2 PAGES

# Type 2JS / 3JS

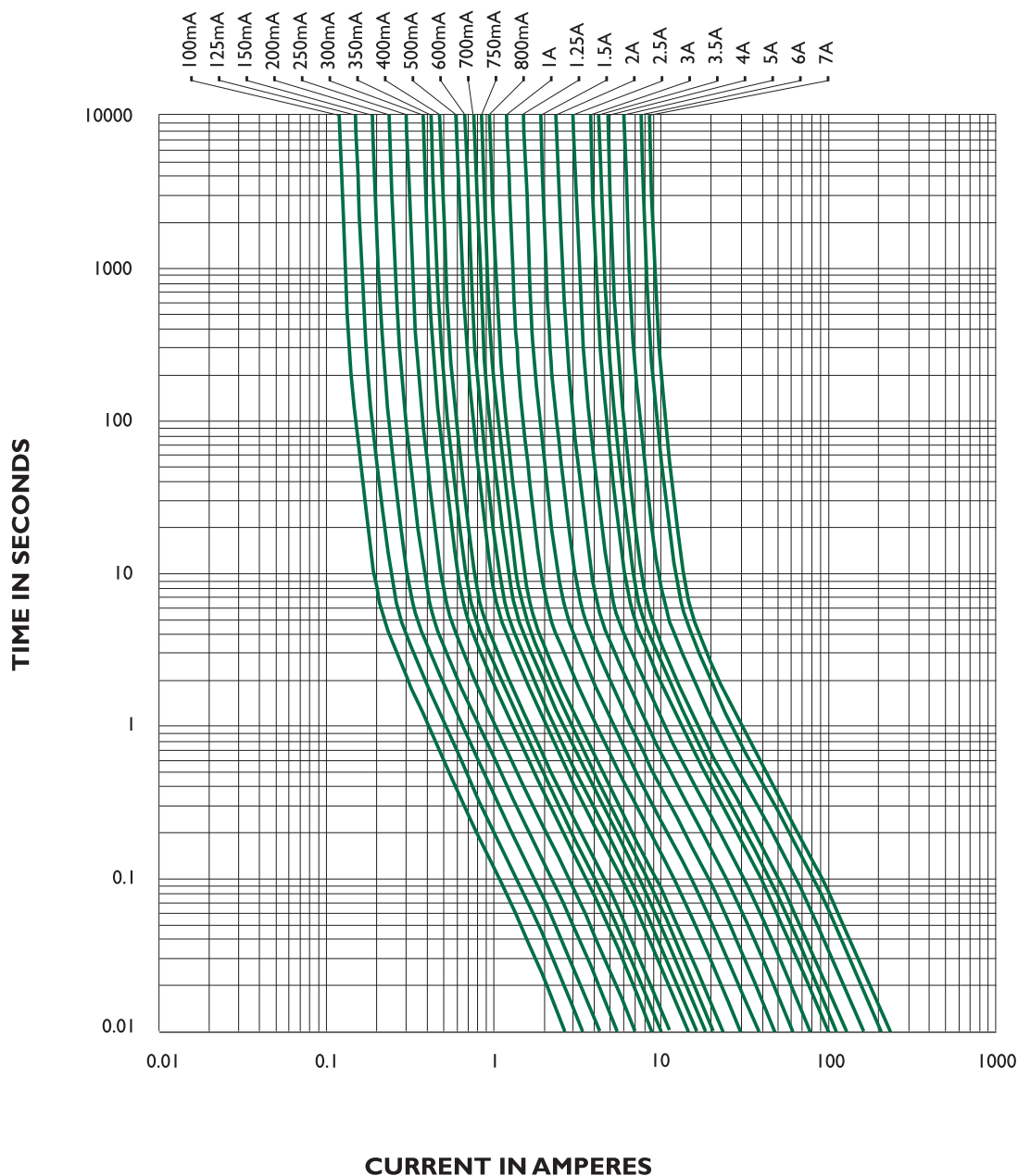
## Time-lag Fuse Series

5 x 15mm Glass Tube  
RoHS 6 Compliant

# bel

JSC0808

## 2JS / 3JS - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

NOTE - see important information under "User Guide" on P.08

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