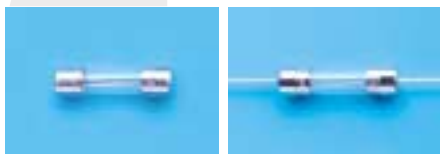


## Type 5VT / 5VTP

5 x 20mm Glass Tube  
RoHS Compliant

Time-lag Fuse Series (High Surge-proof, Low-breaking Capacity)

5VTD1005



## Electrical Characteristics (IEC-127-2 STANDARD SHEET 3)

| Rated Current | 1.5 In |      | 2.1 In |     | 2.75 In |     | 4 In |     | 10 In |     |
|---------------|--------|------|--------|-----|---------|-----|------|-----|-------|-----|
|               | MIN    | MAX  | MIN    | MAX | MIN     | MAX | MIN  | MAX | MIN   | MAX |
| 1A to 6.3A    | 1      | 2    | 600    | 10  | 150     | 3   | 20   | 300 |       |     |
|               | hr.    | min. | ms     | sec | ms      | sec | ms   | ms  |       |     |

## Approvals



| Safety Agency Approvals                                                                                                                      | Amp range / Volt @ I.R. ability                        |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Certificate No. 9710060<br>License No. 40007745<br>Recognized File No. E20624<br>Acceptance File No. LR39772<br>Licence No. 2003010207030341 | 1A - 6.3A / 250V AC@ 35A or 10 In whichever is greater |

## RoHS Compliant Product

For RoHS Compliant Version, add suffix "R" after catalog number

## Operating Temperature

-55°C to +125°C

## Physical Specification

## Materials

Glass body / Nickel Plated Brass Caps

Lead wire :

Tin plated Copper alloy,

Diameter 0.032", 6.3 and less

## Marking

On fuse:

"bel", "T", "Current Rating", "L", "250V",  
 "Appropriate Safety Logos", "✓" (RoHS Version)

On label:

"bel", "5VT" or "5VTP", "Current Rating", "Voltage Rating",  
 "Interrupting Rating", "Appropriate Safety Logos" and "R" suffix "R" for RoHS Version

| Catalog Number | RoHS Suffix | 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) |
|----------------|-------------|---------------|-------------------------------|---------------------------------|---------------------------------------------------------|-------------------------------------------------------|-------------------------------|
| 5VT (P) 1      | -R          | 1A            | 0.110                         | 0.133                           | 28                                                      | 29                                                    | 0.42                          |
| 5VT (P) 1.25   | -R          | 1.25A         | 0.080                         | 0.128                           | 42                                                      | 43                                                    | 0.42                          |
| 5VT (P) 1.6    | -R          | 1.6A          | 0.059                         | 0.123                           | 62                                                      | 64                                                    | 0.51                          |
| 5VT (P) 2      | -R          | 2A            | 0.040                         | 0.118                           | 92                                                      | 95                                                    | 0.61                          |
| 5VT (P) 2.5    | -R          | 2.5A          | 0.030                         | 0.113                           | 137                                                     | 142                                                   | 0.74                          |
| 5VT (P) 3.15   | -R          | 3.15A         | 0.022                         | 0.109                           | 203                                                     | 211                                                   | 0.90                          |
| 5VT (P) 4      | -R          | 4A            | 0.016                         | 0.105                           | 300                                                     | 313                                                   | 1.08                          |
| 5VT (P) 5      | -R          | 5A            | 0.012                         | 0.100                           | 444                                                     | 465                                                   | 1.31                          |
| 5VT (P) 6.3    | -R          | 6.3A          | 0.009                         | 0.097                           | 658                                                     | 691                                                   | 1.58                          |

Consult manufacturer for other ratings

## Packaging

1. In bulk :

5VT - 1,000 pcs per box; 5VTP - 500 pcs per box

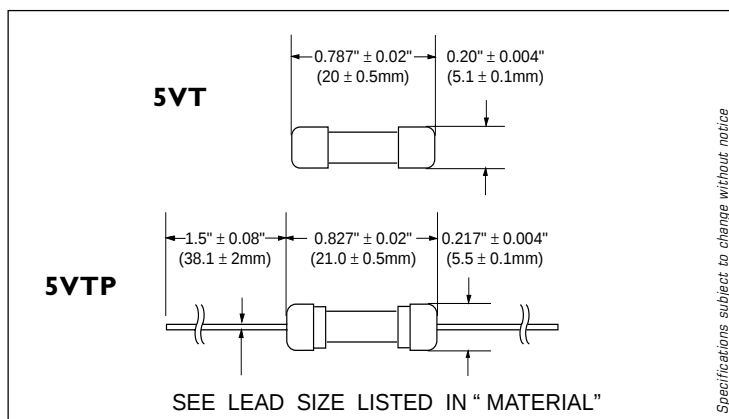
2. On Axial Tape &amp; Reel:

1,500 pcs per reel

3. Tape &amp; Reel specification:

per EIA-296-E &amp; IEC 286-1 @ 10mm Pitch and 63.5mm inside Tape Spacing

## Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE LAST 2 PAGES

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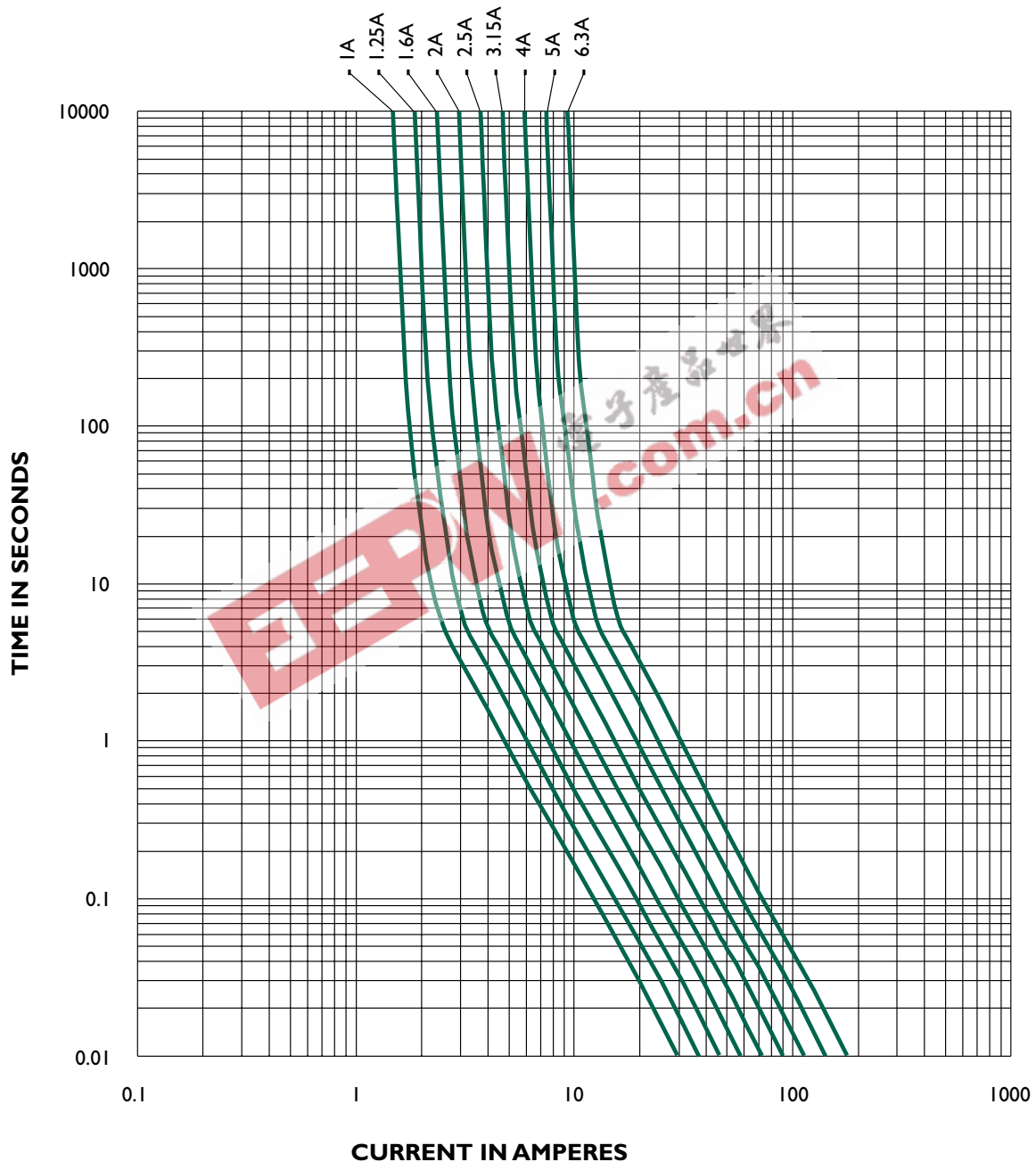
## Type 5VT / 5VTP

5 x 20mm Glass Tube  
RoHS Compliant

Time-lag Fuse Series (High Surge-proof, Low-breaking Capacity)

5VTC1105

### 5VT / 5VTP - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

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

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