



defining a degree of excellence

5VTD0801

## Type 5VT / 5VTP

5 x 20mm Glass Tube

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



### 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     | 1A - 6.3A / 250V AC@ 35A or<br>10 In whichever is greater |
| License No. 102815          |                                                           |
| Recognized File No. E20624  |                                                           |
| Acceptance File No. LR39772 |                                                           |

### Operating Temperature

-55°C to +125°C

### Physical Specification

#### Materials

Glass body / Nickel Plated Brass Caps

Lead wire :

Tin-lead plated Copper,

Diameter 0.032", 6.3A and less

#### Marking

On fuse:

"bel", "T", "Current Rating", "L", "250V" &  
"Appropriate Safety Logos"

On label:

Above info, "5VT" or "5VTP", Interrupting Rating  
plus "CE"

| 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) |
|----------------|---------------|-------------------------------|--------------------------------|---------------------------------------------------------|------------------------------------------------------|-------------------------------|
| 5VT (P) 1      | 1A            | 0.11                          | 0.13                           | 28                                                      | 29                                                   | 0.42                          |
| 5VT (P) 1.25   | 1.25A         | 0.08                          | 0.12                           | 42                                                      | 43                                                   | 0.42                          |
| 5VT (P) 1.6    | 1.6A          | 0.06                          | 0.12                           | 62                                                      | 64                                                   | 0.51                          |
| 5VT (P) 2      | 2A            | 0.04                          | 0.11                           | 92                                                      | 95                                                   | 0.61                          |
| 5VT (P) 2.5    | 2.5A          | 0.03                          | 0.11                           | 137                                                     | 142                                                  | 0.74                          |
| 5VT (P) 3.15   | 3.15A         | 0.022                         | 0.10                           | 203                                                     | 211                                                  | 0.90                          |
| 5VT (P) 4      | 4A            | 0.016                         | 0.10                           | 300                                                     | 313                                                  | 1.08                          |
| 5VT (P) 5      | 5A            | 0.012                         | 0.10                           | 444                                                     | 465                                                  | 1.31                          |
| 5VT (P) 6.3    | 6.3A          | 0.009                         | 0.09                           | 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 & Reel:

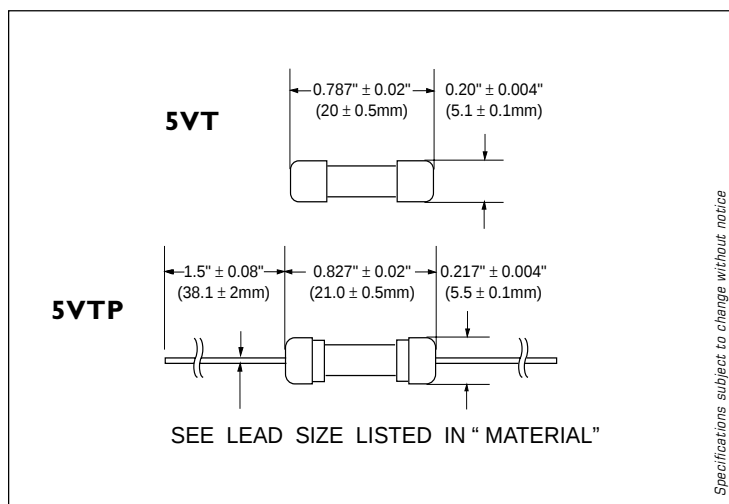
1,500 pcs per reel

3. Tape & Reel specification:

per EIA-296-E & IEC 286-I

@ 10mm Pitch and 63.5mm inside Tape Spacing

### Mechanical Dimensions



ORDERING INFORMATION SEE PAGES 67 & 68

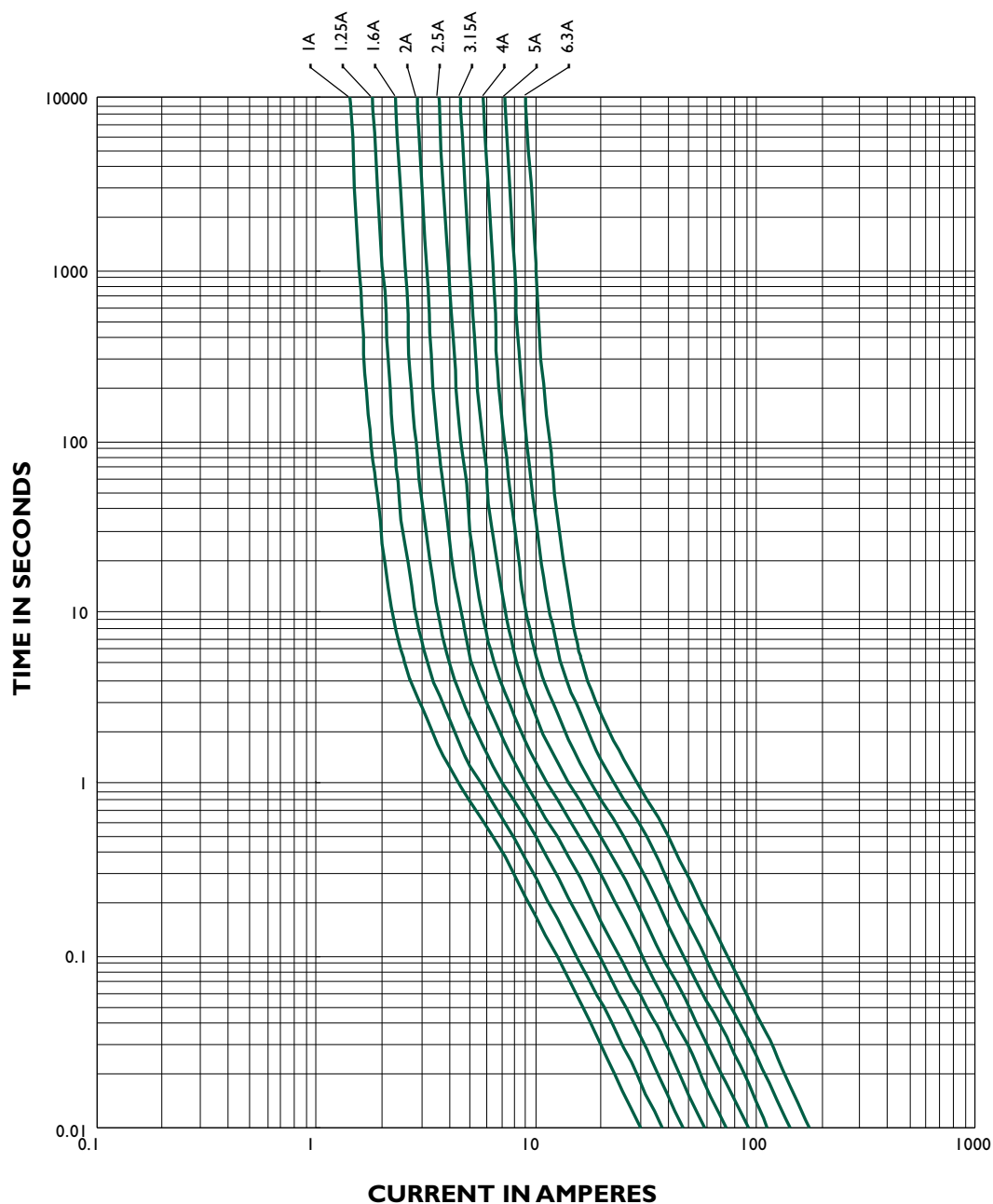
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5VTC0801

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



Specifications subject to change without notice

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

### Corporate Office

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