

# ANTREX Electronics

## Electronic Components Sourcing Information

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### Product Reference Information

**Part Number:** 5TT 200

**Manufacturer:** Bel Fuse Inc.

**Package:** Bulk

**Availability:** Please confirm with sales

**Product Page:**

<https://antrexco.com/product/details/bel-fuse-inc/5tt-200.html>

**Request a Quote:**

[Submit RFQ for this part](#)



Scan for product page

### Contact Information

Email: [info@antrexco.com](mailto:info@antrexco.com)

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

### Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

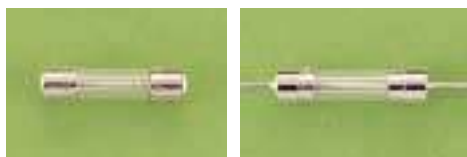
Secure sourcing support for OEM / EMS projects

**Note:**

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

## 5TTD0903



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

| Testing current | Blow Time |         | Amp range   |
|-----------------|-----------|---------|-------------|
|                 | Minimum   | Maximum |             |
| 100%            | 4 Hrs.    | N/A     | 100mA - 10A |
| 135%            | N/A       | 1 Hr    | 100mA - 10A |
| 200%            | 5 sec     | 30 sec  | 100mA - 3A  |
| 200%            | 3 sec     | 30 sec  | 3.1A - 10A  |

### Approvals



| Safety Agency Approvals                            | Type       | Amp range / Volt @ I.R. ability |
|----------------------------------------------------|------------|---------------------------------|
| UL Listed File No. E20624                          | 5TT / 5TTP | 100mA - 3A / 250V AC@ 100A      |
| CSA Certified File No. LR39772                     |            | 100mA - 8A / 125V AC@ 10,000A   |
| UL Recognized File No. E20624                      | 5TT / 5TTP | 10A/125V AC@ 1,000A             |
| CSA Acceptance File No. LR39772                    |            |                                 |
| PS File No. JET1037-31003-1001, JET1037-31003-1003 | 5TT / 5TTP | 1A - 5A / 125V AC@ 500A         |
| File No. JET1037-31003-1002                        | 5TT        | >5A - 15A /125V AC@ 300A        |

### Operating Temperature

-55°C to +125°C

### Physical Specification

#### Materials

5A and less:

Glass body / Nickel Plated Brass Caps

Lead wire: Tin-lead plated Copper; Diameter 0.032"

6A and above:

Ceramic body / Nickel Plated Brass Caps

Lead wire: Tin-lead plated Copper; Diameter 0.040"

#### Marking

On fuse:

"bel", "5TT", "Current Rating", "Voltage Rating", and "Appropriate Safety Logos"

On label:

Above info plus "CC" and interrupting rating

Voltage on fuse:

250V for 100mA to 3A; 125V for rating above 3A

#### Packaging

1. In bulk:

5TT - 1,000 pcs per box; 5TTP - 500 pcs per box

2. On Axial Tape & Reel:

1,500 pcs per reel

3. Tape & Reel specification:

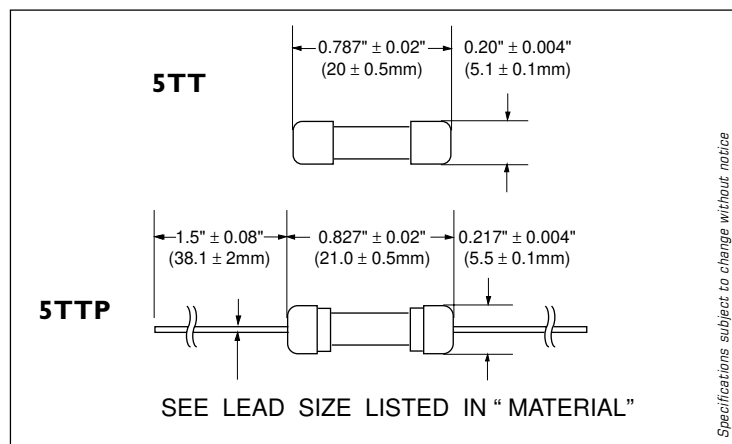
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

| Catalog Number | Ampere Rating | Typical Cold Resistance (ohm) | Volt-drop @100% $I_n$ (Volt) max. | Melting $I^2t$ < 10 mSec (A <sup>2</sup> Sec) | Melting $I^2t$ @10 $I_n$ (A <sup>2</sup> Sec) | Maximum Power Dissipation (W) |
|----------------|---------------|-------------------------------|-----------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------|
| 5TT (P) 100    | 100mA         | 15                            | 2.8                               | 0.14                                          | 0.15                                          | 0.45                          |
| 5TT (P) 125    | 125mA         | 10                            | 2.3                               | 0.21                                          | 0.22                                          | 0.48                          |
| 5TT (P) 160    | 160mA         | 7                             | 2.0                               | 0.31                                          | 0.34                                          | 0.51                          |
| 5TT (P) 200    | 200mA         | 4.7                           | 1.7                               | 0.48                                          | 0.51                                          | 0.55                          |
| 5TT (P) 250    | 250mA         | 3.2                           | 1.4                               | 0.72                                          | 0.78                                          | 0.58                          |
| 5TT (P) 300    | 300mA         | 2.1                           | 1.2                               | 1.09                                          | 1.18                                          | 0.62                          |
| 5TT (P) 400    | 400mA         | 1.4                           | 1.0                               | 1.6                                           | 1.8                                           | 0.66                          |
| 5TT (P) 500    | 500mA         | 1.0                           | 0.86                              | 2.5                                           | 2.7                                           | 0.70                          |
| 5TT (P) 750    | 750mA         | 0.5                           | 0.64                              | 5.2                                           | 5.8                                           | 0.79                          |
| 5TT (P) 1      | 1A            | 0.3                           | 0.52                              | 8.6                                           | 9.6                                           | 0.85                          |
| 5TT (P) 1.25   | 1.25A         | 0.2                           | 0.44                              | 13.1                                          | 14.6                                          | 0.91                          |
| 5TT (P) 1.6    | 1.6A          | 0.14                          | 0.37                              | 19.7                                          | 22.2                                          | 0.97                          |
| 5TT (P) 2      | 2A            | 0.09                          | 0.32                              | 30                                            | 34                                            | 1.03                          |
| 5TT (P) 2.5    | 2.5A          | 0.06                          | 0.27                              | 45                                            | 51                                            | 1.1                           |
| 5TT (P) 3      | 3A            | 0.04                          | 0.23                              | 68                                            | 78                                            | 1.17                          |
| 5TT (P) 4      | 4A            | 0.03                          | 0.19                              | 103                                           | 119                                           | 1.25                          |
| 5TT (P) 5      | 5A            | 0.02                          | 0.16                              | 157                                           | 180                                           | 1.33                          |
| 5TT (P) 6      | 6A            | 0.015                         | 0.12                              | 218                                           | 317                                           | 1.23                          |
| 5TT (P) 8      | 8A            | 0.010                         | 0.10                              | 319                                           | 472                                           | 1.31                          |
| 5TT (P) 10     | 10A           | 0.007                         | 0.09                              | 467                                           | 703                                           | 1.40                          |

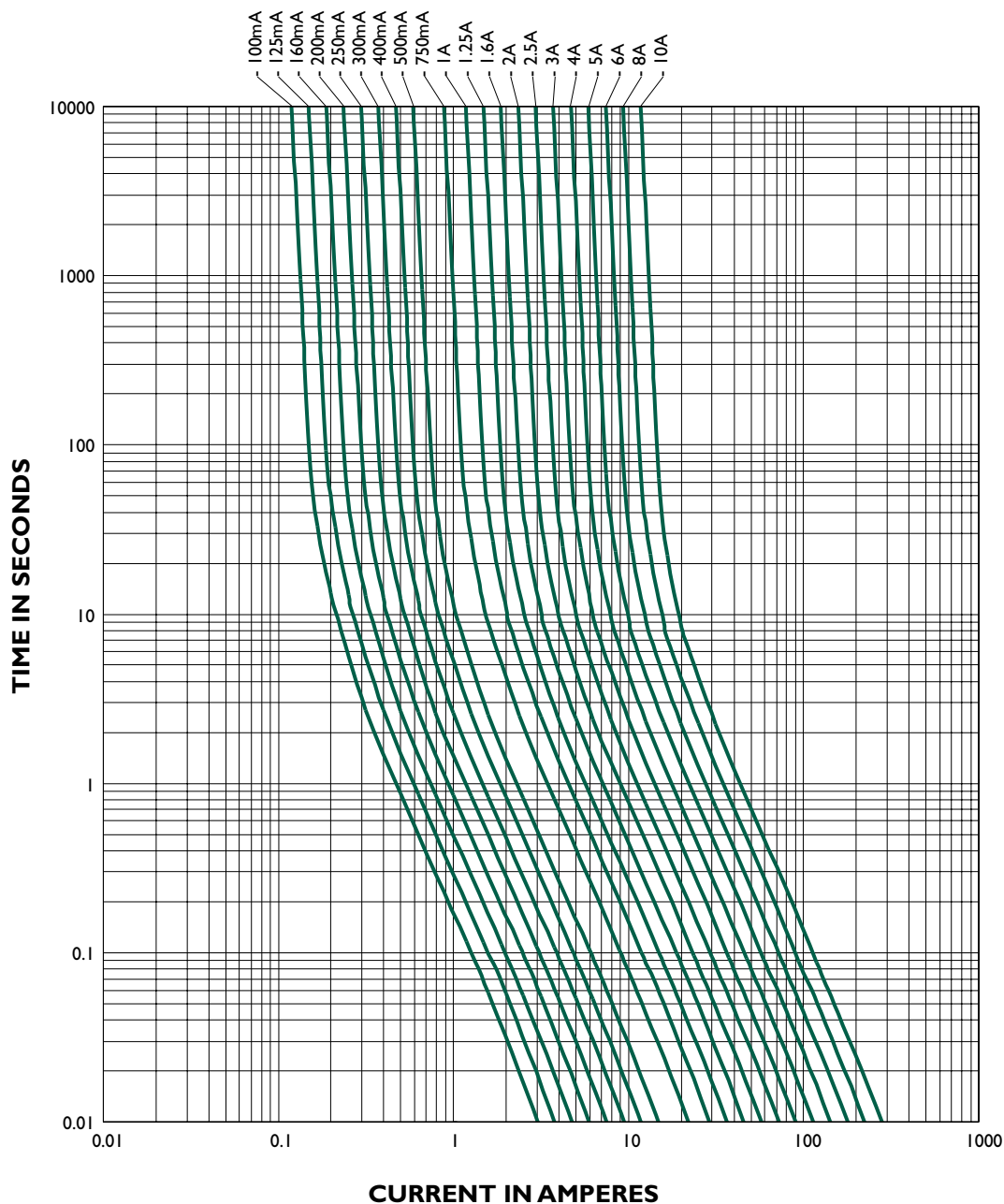
Consult manufacturer for other ratings

### Mechanical Dimensions



ORDERING INFORMATION SEE PAGES 67 & 68

## 5TT / 5TTP - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

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

### Corporate Office Bel Fuse Inc.

206 Van Vorst Street, Jersey City, NJ 07302  
Tel: 201-432-0463  
Fax: 201-432-9542  
E-Mail: [belfuse@belfuse.com](mailto:belfuse@belfuse.com)  
Website: [www.belfuse.com](http://www.belfuse.com)

### Far East Office Bel Fuse Ltd.

8F/8 Luk Hop Street  
San Po Kong  
Kowloon, Hong Kong  
Tel: 852-2328-5515  
Fax: 852-2352-3706

### European Office

#### Bel Fuse Europe Ltd.

Preston Technology Management Centre  
Marsh Lane, Preston PR1 8UD  
Lancashire, U.K  
Tel: 44-1772-556601  
Fax: 44-1772-888366