



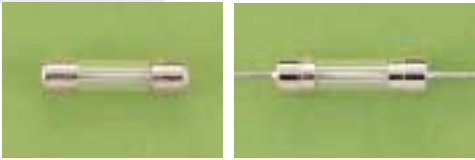
defining a degree of excellence

# Type 5VT / 5VTP

5 x 20mm Glass Tube  
RoHS Compliant

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

5VTD0505



### 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 License No. 40007745 Recognized File No. E20624 Acceptance File No. LR39772 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", 6.3A 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 "✓" + suffix "R" for RoHS Version

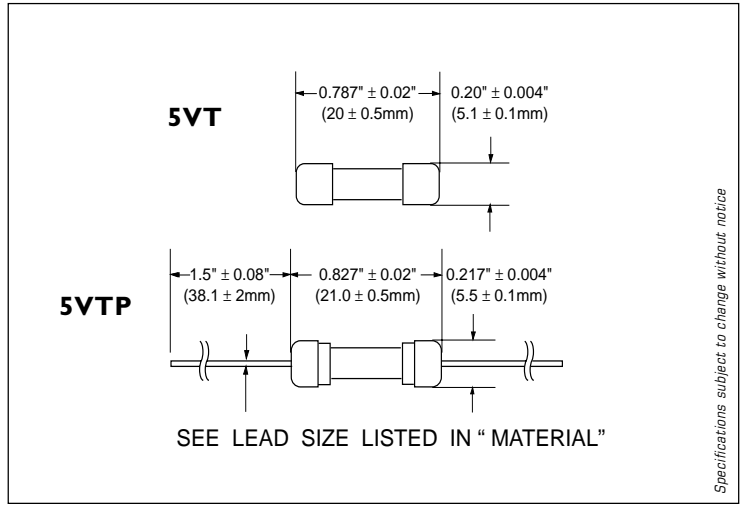
Catalog Number	RoHS Suffix	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% In (Volt) max.	Melting I <sup>2</sup> T < 10 mSec (A <sup>2</sup> Sec)	Melting I <sup>2</sup> T @10 In (A <sup>2</sup> Sec)	Maximum Power Dissipation (W)
5VT (P) 1	-R	1A	0.110	0.133	28	29	0.42
5VT (P) 1.25	-R	1.25A	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

- In bulk :  
 5VT - 1,000 pcs per box; 5VTP - 500 pcs per box
- On Axial Tape & Reel:  
 1,500 pcs per reel
- Tape & Reel specification:  
 per EIA-296-E & IEC 286-1  
 @ 10mm Pitch and 63.5mm inside Tape Spacing

### Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE PAGES 67 & 68

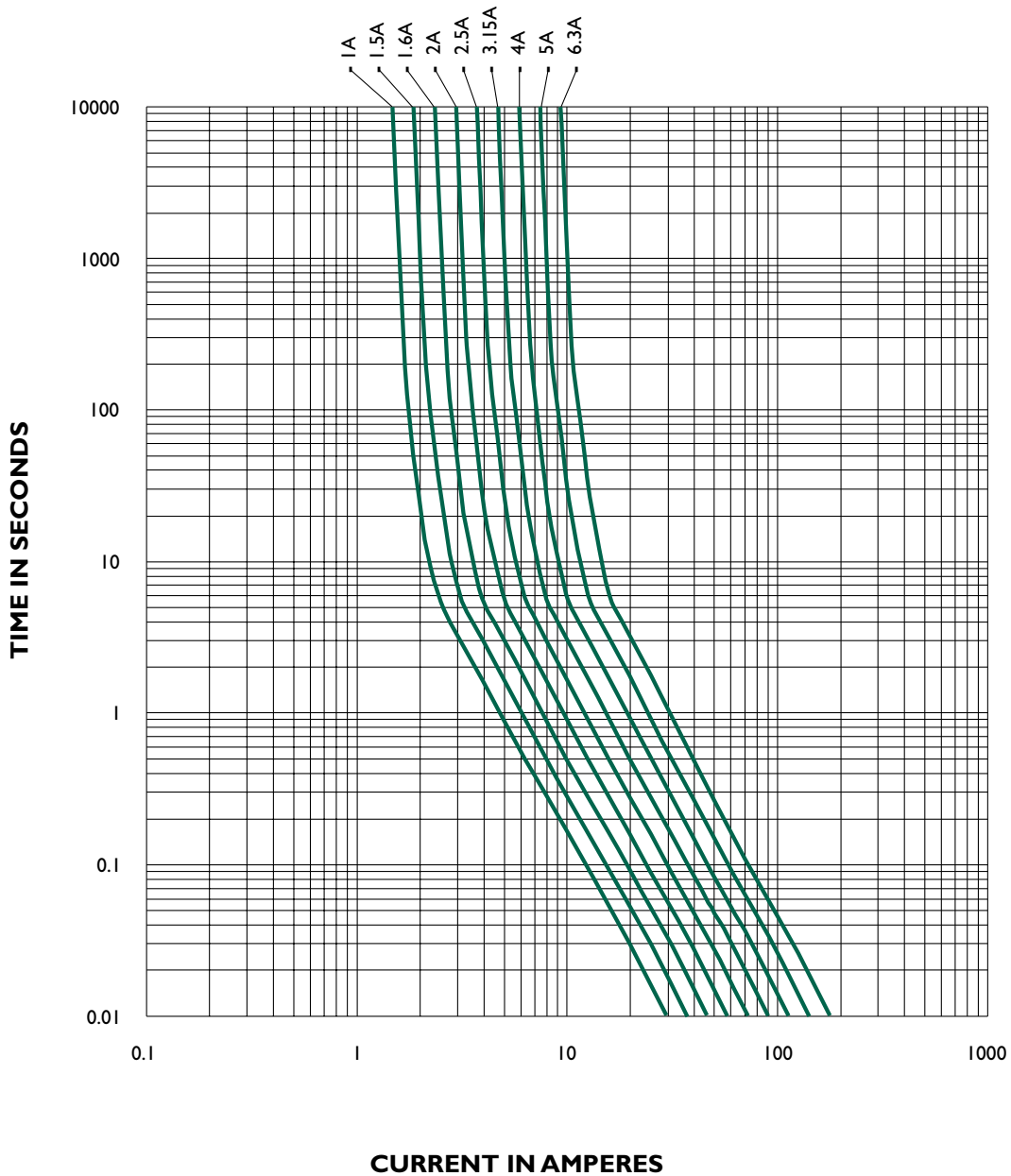
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5VTC0505

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



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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