

## 5VTD0801



### 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
<ul style="list-style-type: none"> <li> Certificate No. 9710060</li> <li> License No. 102815</li> <li> Recognized File No. E20624</li> <li> Acceptance File No. LR39772</li> </ul>	1A - 6.3A / 250V AC@ 35A or 10 In whichever is greater

### 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, "SVT" or "SVTP", 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)
SVT (P) 1	1A	0.11	0.13	28	29	0.42
SVT (P) 1.25	1.25A	0.08	0.12	42	43	0.42
SVT (P) 1.6	1.6A	0.06	0.12	62	64	0.51
SVT (P) 2	2A	0.04	0.11	92	95	0.61
SVT (P) 2.5	2.5A	0.03	0.11	137	142	0.74
SVT (P) 3.15	3.15A	0.022	0.10	203	211	0.90
SVT (P) 4	4A	0.016	0.10	300	313	1.08
SVT (P) 5	5A	0.012	0.10	444	465	1.31
SVT (P) 6.3	6.3A	0.009	0.09	658	691	1.58

Consult manufacturer for other ratings

### Packaging

1. In bulk :

**SVT** - 1,000 pcs per box; **SVTP** - 500 pcs per box

2. On Axial Tape & Reel:

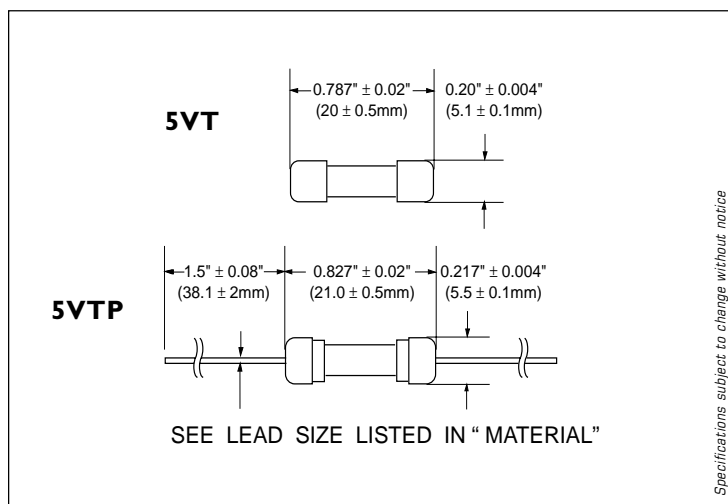
1,500 pcs per reel

3. Tape & Reel specification:

per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

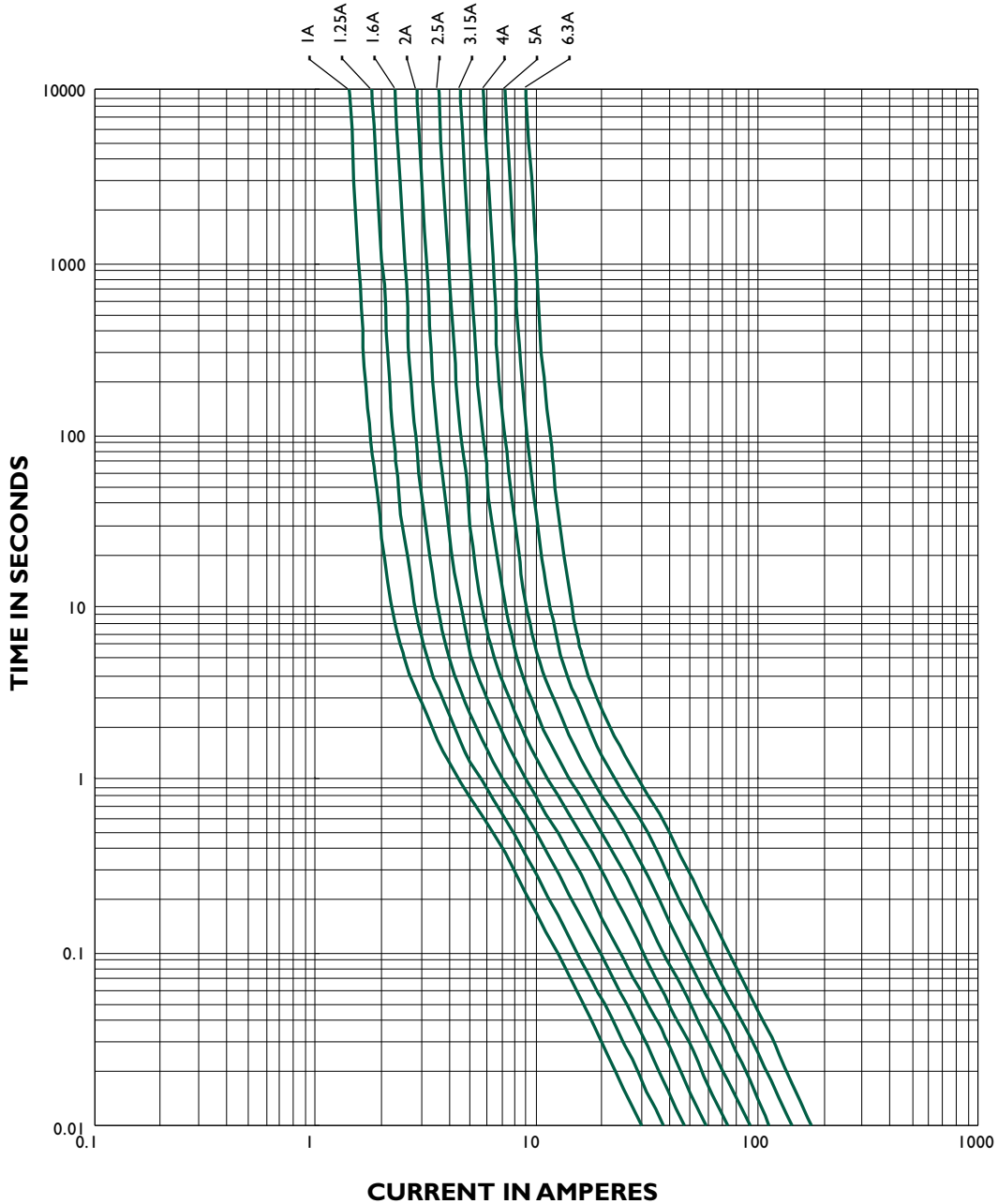
### Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE PAGES 67 & 68

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



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

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