

5VT 2 Datasheet



DiGi Electronics Part Number	5VT 2-DG
Manufacturer	Bel Fuse Inc.
Manufacturer Product Number	5VT 2
Description	FUSE GLASS 2A 250VAC 5X20MM
Detailed Description	2 A 250 V AC DC Fuse Cartridge, Glass Requires Holder 5mm x 20mm

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Purchase and inquiry

Manufacturer Product Number:

5VT 2

Series:

5VT

Mounting Type:

Requires Holder

Current Rating (Amps):

2 A

Response Time:

Slow Blow

Breaking Capacity @ Rated Voltage:

35A

Approval Agency:

CE, CSA, SEMKO, UL, VDE

Color:

-

DC Cold Resistance:

0.04 Ohms

Manufacturer:

Bel Fuse Inc.

Product Status:

Obsolete

Fuse Type:

Cartridge, Glass

Voltage Rating - AC:

250 V

Package / Case:

5mm x 20mm

Melting I²t:

92

Operating Temperature:

-55°C ~ 125°C

Size / Dimension:

0.201" Dia x 0.787" L (5.10mm x 20.00mm)

Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.10.0020

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99



Type 5VT / 5VTP

5 x 20mm Glass Tube

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

SVTD0801



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		

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% In (Volt) max.	Melting I ² T < 10 mSec (A ² Sec)	Melting I ² T @10 In (A ² 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

Approvals



Safety Agency Approvals	Amp range / Volt @ I.R. ability
<ul style="list-style-type: none"> Ⓢ Certificate No. 9710060 ⓁⓂ License No. 102815 ⓇⓁ Recognized File No. E20624 ⓈⓅ Acceptance File No. LR39772 	<p>1A - 6.3A / 250V AC@ 35A or 10 In whichever is greater</p>

Consult manufacturer for other ratings

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

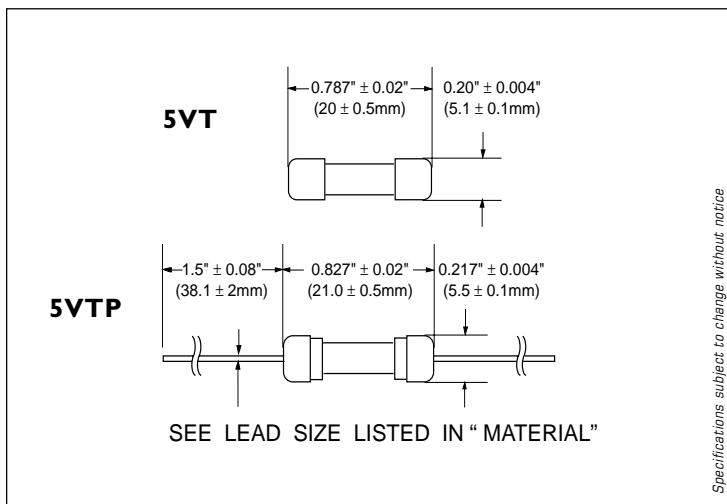
Marking

On fuse:
 "bel", "T", "Current Rating", "L", "250V" & "Appropriate Safety Logos"
 On label:
 Above info, "5VT" or "5VTP", Interrupting Rating plus "CE"

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

defining a degree of excellence



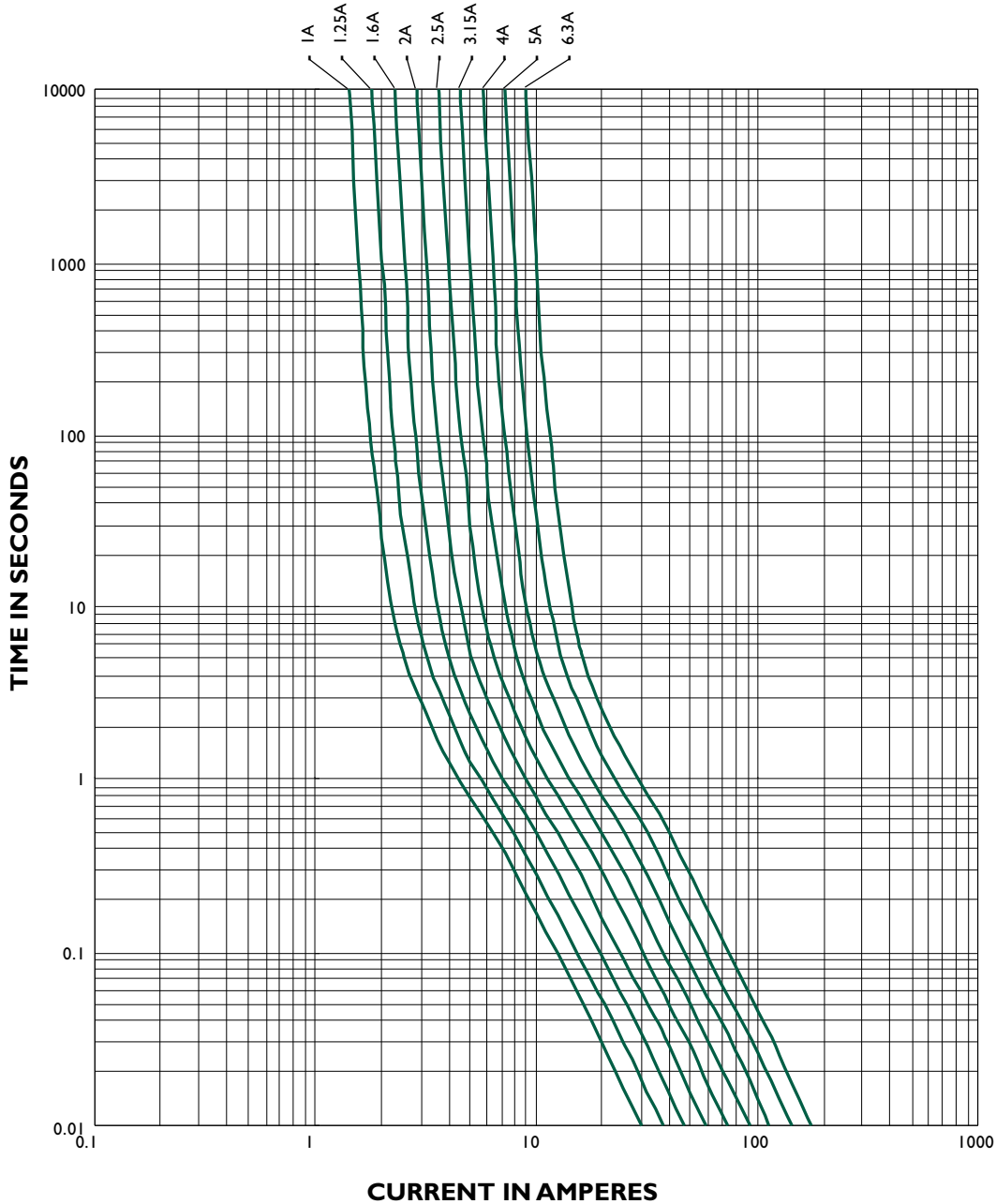
Type 5VT / 5VTP

5 x 20mm Glass Tube

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

5VTC0801

5VT / 5VTP - TIME CURRENT CHARACTERISTIC CURVE



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

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