



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





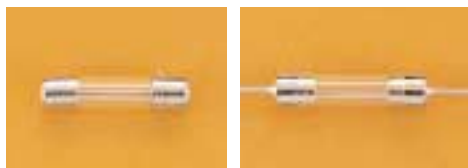
defining a degree of excellence

# Type 5MT / 5MTP

## Medium Blow Fuse Series

5 x 20mm Glass Tube

5MTD0903



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

Testing current	Blow Time	
	Minimum	Maximum
100%	4 Hrs.	N/A
135%	N/A	1 Hr
200%	N/A	15 Sec
1000%	10 mSec	N/A

### Approvals



Safety Agency Approvals	Type	Amp range / Volt @ I.R.ability
Listed File No. E20624 Certified File No. LR39772	5MT / 5MTP	100mA - 800mA / 250V AC@ 35A 1A - 3A / 250V AC@ 100A 100mA - 5A / 125V AC@ 10,000A
File No. JET1037-31003-1001, JET1037-31003-1003 File No. JET1037-31003-1002	5MT / 5MTP 5MT	1A - 5A / 125V AC@ 500A >5A - 15A / 125V AC@ 300A

### 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", 5A and less

Diameter 0.040", 6A and above

Marking:

On fuse:

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

On label:

Above info plus "CE" and interrupting rating

Voltage on fuse:

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

#### Packaging

1. In bulk:

**5MT** - 1,000 pcs per box; **5MTP** - 500 pcs per box

2. On Axial Tape & Reel:

1,500 pcs per reel

3. Tape & Reel specification:

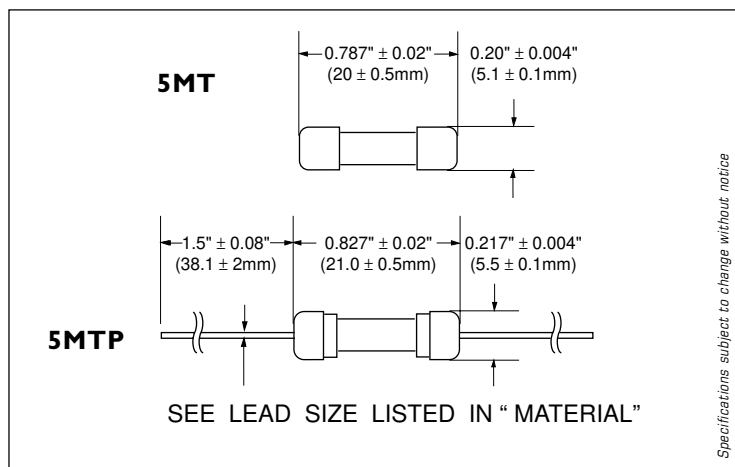
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% 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)
5MT (P) 100	100mA	12	1.7	0.02	0.04	0.30
5MT (P) 125	125mA	8	1.4	0.04	0.07	0.32
5MT (P) 160	160mA	5	1.2	0.06	0.11	0.34
5MT (P) 200	200mA	3.4	1.0	0.11	0.18	0.36
5MT (P) 250	250mA	2.2	0.9	0.18	0.30	0.38
5MT (P) 300	300mA	1.5	0.7	0.31	0.50	0.37
5MT (P) 375	375mA	1.1	0.6	0.47	0.75	0.40
5MT (P) 500	500mA	0.6	0.53	0.9	1.4	0.43
5MT (P) 600	600mA	0.4	0.45	1.5	2.3	0.45
5MT (P) 750	750mA	0.3	0.39	2.3	3.5	0.49
5MT (P) 1	1A	0.2	0.32	4.2	6.4	0.49
5MT (P) 1.25	1.25A	0.1	0.27	7.2	10.6	0.52
5MT (P) 1.6	1.6A	0.08	0.23	12.1	17.7	0.55
5MT (P) 2	2A	0.05	0.19	20	29	0.59
5MT (P) 2.5	2.5A	0.04	0.18	35	49	0.65
5MT (P) 3	3A	0.030	0.172	58	82	0.74
5MT (P) 3.5	3.5A	0.026	0.167	76	105	0.84
5MT (P) 4	4A	0.022	0.162	99	136	0.9
5MT (P) 5	5A	0.017	0.152	167	226	1.1

Consult manufacturer for other ratings

### Mechanical Dimensions



Specifications subject to change without notice

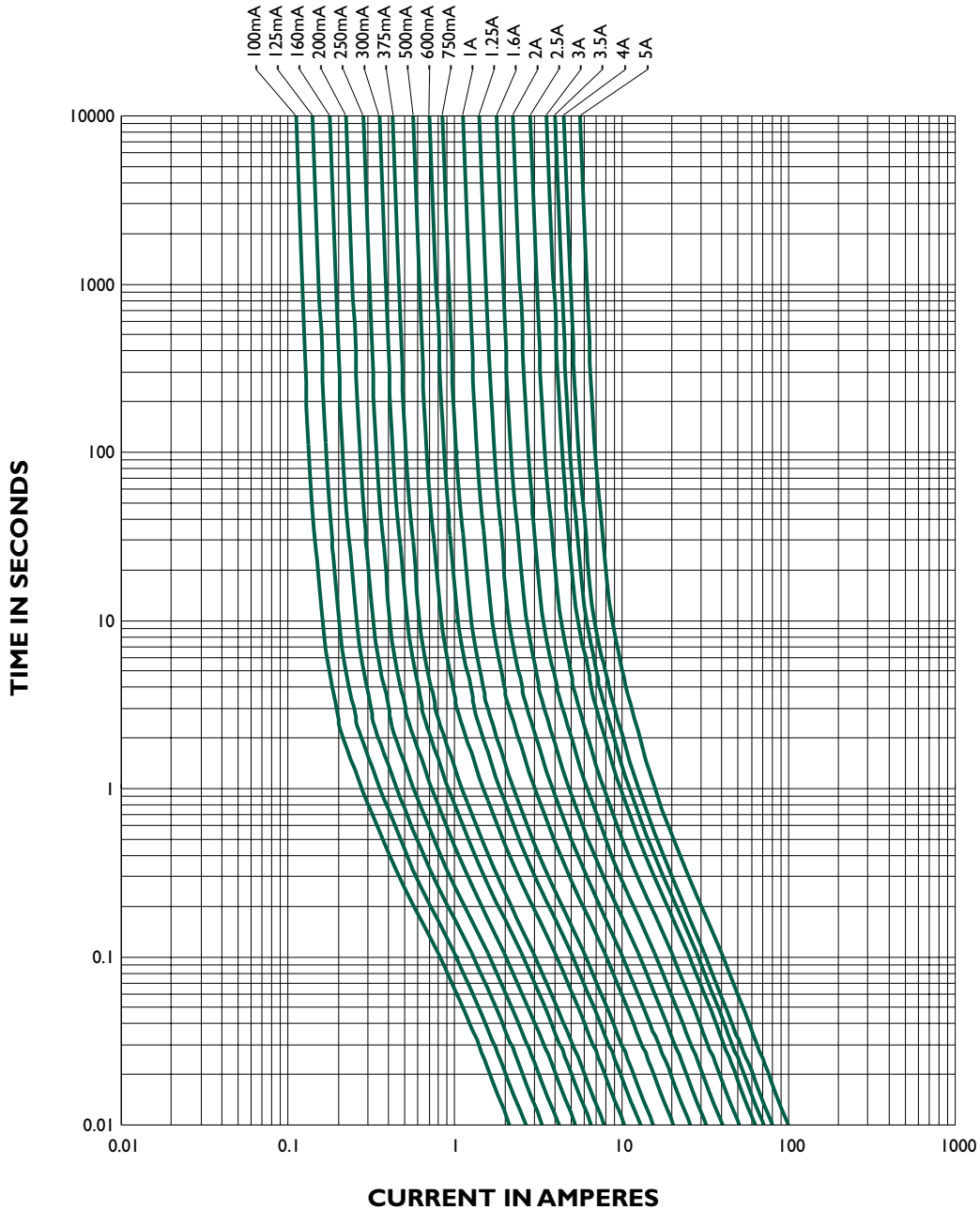
ORDERING INFORMATION SEE PAGES 67 & 68

**Type 5MT / 5MTP**  
**Medium Blow Fuse Series**

5 x 20mm Glass Tube

5MTC0801

**5MT / 5MTP - 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