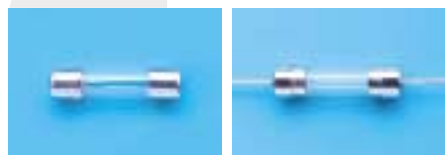


Type 5MT / 5MTP

Medium Blow Fuse Series

5 x 20mm Glass Tube
RoHS Compliant

5MTD1005



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
- UL Listed File No. E20624 - CSA 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	1A - 5A / 125V AC@ 500A >5A - 15A / 125V AC@ 300A

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,

Diameter 0.032", 5A and less

Diameter 0.040", 6A and above

Marking:

On fuse:

"bel", "5MT", "Current Rating", "Voltage Rating",
"Appropriate Safety Logos", "✓" (RoHS Version)

On label:

"bel", "5MT" or "5MTP", "Current Rating", "Voltage Rating",
"Interrupting Rating", "Appropriate Safety Logos" and "PS E" + suffix "R" for RoHS Version

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:

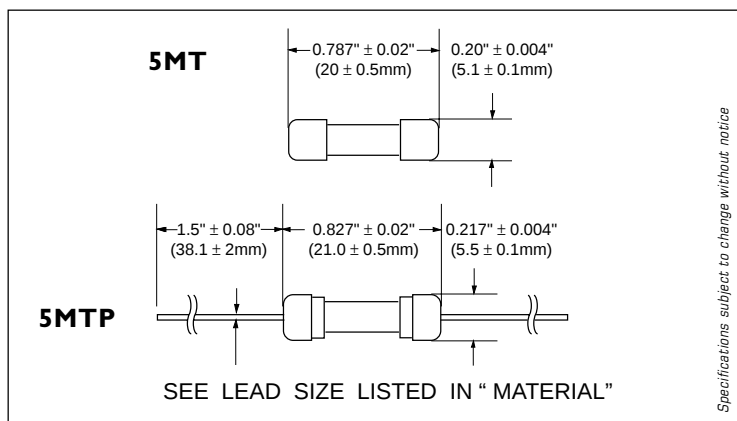
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

Catalog Number	RoHS Suffix	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)
5MT (P) 100	-R	100mA	12.00	1.7	0.02	0.04	0.30
5MT (P) 125	-R	125mA	7.87	1.4	0.04	0.07	0.32
5MT (P) 160	-R	160mA	5.17	1.2	0.06	0.11	0.34
5MT (P) 200	-R	200mA	3.39	1.0	0.11	0.18	0.36
5MT (P) 250	-R	250mA	2.22	0.872	0.18	0.30	0.38
5MT (P) 300	-R	300mA	1.46	0.738	0.31	0.50	0.37
5MT (P) 375	-R	375mA	1.06	0.649	0.47	0.75	0.40
5MT (P) 500	-R	500mA	0.628	0.529	0.88	1.4	0.43
5MT (P) 600	-R	600mA	0.412	0.448	1.5	2.3	0.45
5MT (P) 700	-R	700mA	0.320	0.400	2.2	2.5	0.48
5MT (P) 750	-R	750mA	0.296	0.392	2.3	3.5	0.49
5MT (P) 800	-R	800mA	0.230	0.320	3.8	4.2	0.49
5MT (P) 1	-R	1A	0.177	0.321	4.2	6.4	0.49
5MT (P) 1.25	-R	1.25A	0.110	0.272	7.2	11	0.52
5MT (P) 1.6	-R	1.6A	0.076	0.230	12	18	0.55
5MT (P) 2	-R	2A	0.055	0.195	20	29	0.59
5MT (P) 2.5	-R	2.5A	0.039	0.183	35	49	0.65
5MT (P) 3	-R	3A	0.035	0.172	58	82	0.74
5MT (P) 3.5	-R	3.5A	0.026	0.167	76	105	0.84
5MT (P) 4	-R	4A	0.022	0.162	99	136	0.91
5MT (P) 5	-R	5A	0.017	0.152	167	226	1.1
5MT (P) 6	-R	6A	0.015	0.148	315	428	1.3
5MT (P) 7	-R	7A	0.013	0.125	750	1059	2.1

Consult manufacturer for other ratings

Mechanical Dimensions



ORDERING INFORMATION SEE LAST 2 PAGES

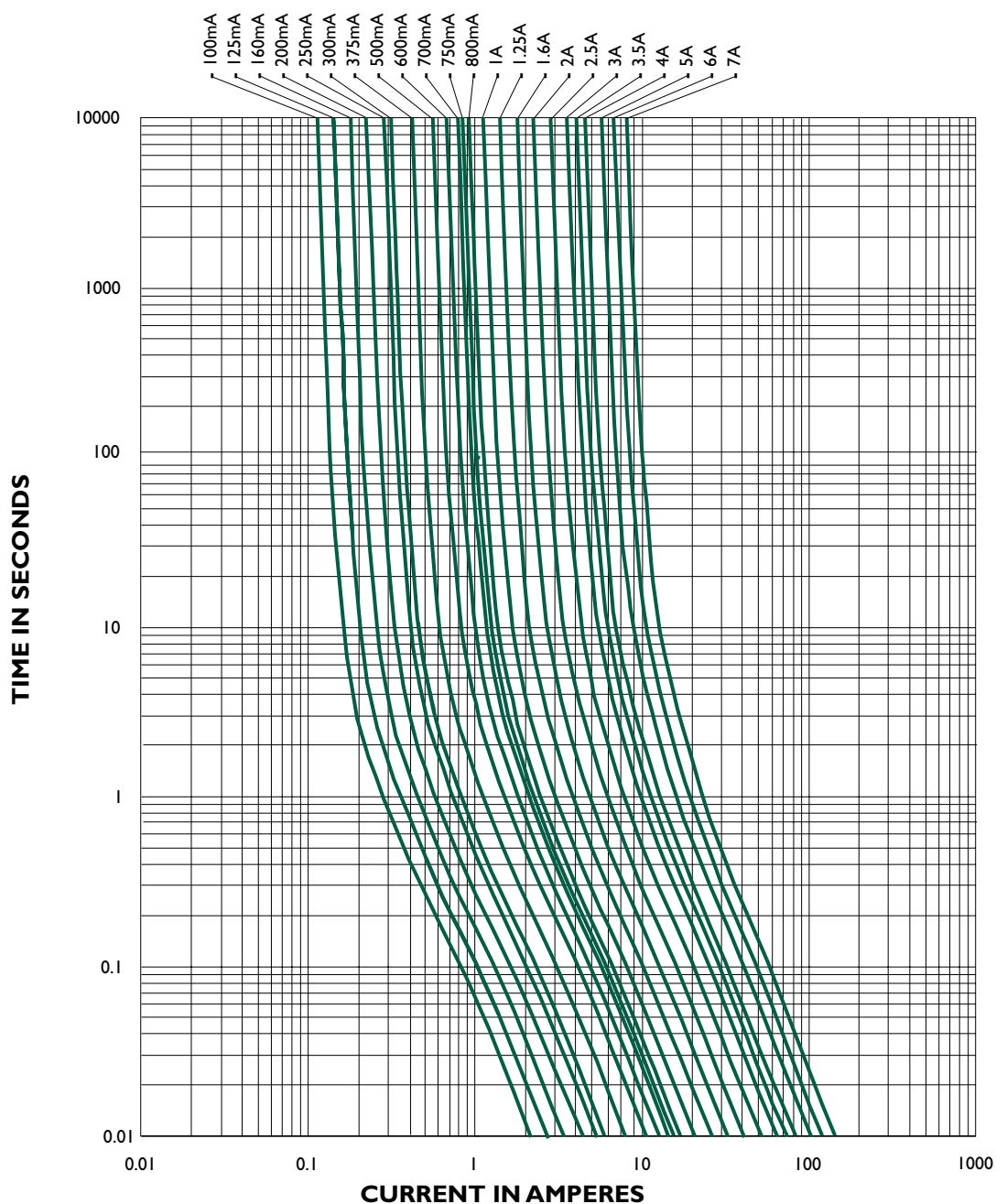
Type 5MT / 5MTP

Medium Blow Fuse Series

5 x 20mm Glass Tube
RoHS Compliant

5MTC1005

5MT / 5MTP - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

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

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