

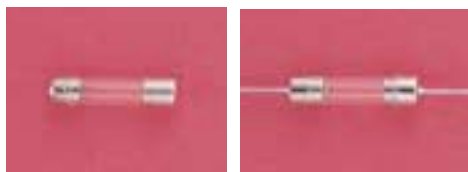


defining a degree of excellence

Type 5MF / 5MFP Fast Blow Fuse Series

5 x 20mm Glass Tube

5MFD0903



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	5 Sec

Approvals



Safety Agency Approvals	Type	Amp range / volt @ I.R. ability
Listed File No. E20624 Certified File No. LR39772	5MF / 5MFP	80mA - 3A / 250V AC@ 200A
File No. JET1037-31003-1001, JET1037-31003-1003 File No. JET1037-31003-1002		80mA - 8A / 125V AC@ 10,000A
	5MF / 5MFP	1A - 5A / 125V AC@ 500A
	5MF	>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", "5MF", "Current Rating", "Voltage Rating", and "Appropriate Safety Logos"

On label:

Above info plus "CE" and interrupting rating

Voltage on fuse:

250V for 80mA to 3A; 125V for rating above 3A

Packaging

1. In bulk:

5MF - 1,000 pcs per box; 5MFP - 500 pcs per box

2. On Axial Tape & Reel:

1,500 pcs per reel

3. Tape & Reel specification:

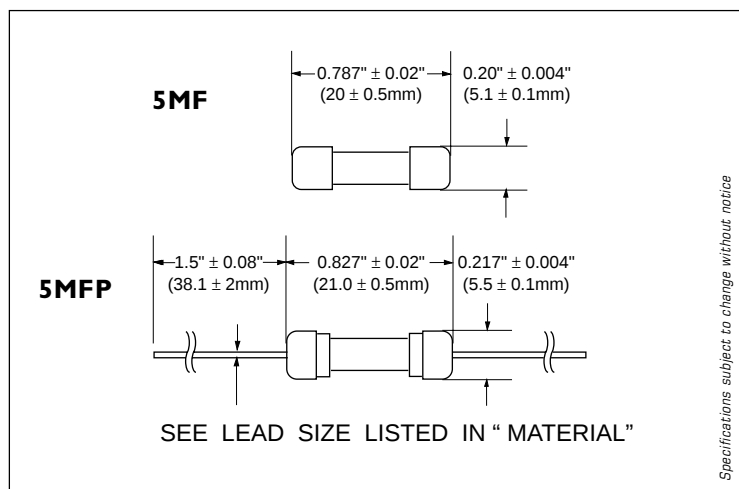
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% I_n (Volt) max.	Melting I^2T < 10 mSec (A ² Sec)	Melting I^2T @ 10 I_n (A ² Sec)	Maximum Power Dissipation (W)
5MF (P) 80	80mA	10.2	3.05	0.0004	0.0004	0.32
5MF (P) 100	100mA	7.2	2.65	0.0009	0.0008	0.35
5MF (P) 125	125mA	6.8	3.64	0.0017	0.0015	0.60
5MF (P) 200	200mA	3.4	2.76	0.007	0.006	0.72
5MF (P) 250	250mA	2.4	2.40	0.014	0.013	0.79
5MF (P) 300	300mA	1.7	2.09	0.028	0.027	0.84
5MF (P) 500	500mA	0.84	1.58	0.116	0.113	1.04
5MF (P) 700	700mA	0.18	0.22	0.390	0.370	0.20
5MF (P) 1	1A	0.12	0.20	0.88	0.85	0.26
5MF (P) 1.25	1.25A	0.09	0.19	1.50	1.48	0.31
5MF (P) 1.5	1.5A	0.07	0.18	2.58	2.58	0.36
5MF (P) 2	2A	0.05	0.17	4.4	4.5	0.44
5MF (P) 2.5	2.5A	0.04	0.16	7.6	7.8	0.52
5MF (P) 3	3A	0.03	0.15	13	14	0.59
5MF (P) 3.5	3.5A	0.026	0.14	17	18	0.66
5MF (P) 4	4A	0.022	0.14	22	24	0.73
5MF (P) 5	5A	0.017	0.13	38	41	0.86
5MF (P) 6	6A	0.013	0.12	66	72	0.98
5MF (P) 7	7A	0.011	0.12	86	95	1.10
5MF (P) 8	8A	0.010	0.12	113	126	1.22

Consult manufacturer for other ratings

Mechanical Dimensions



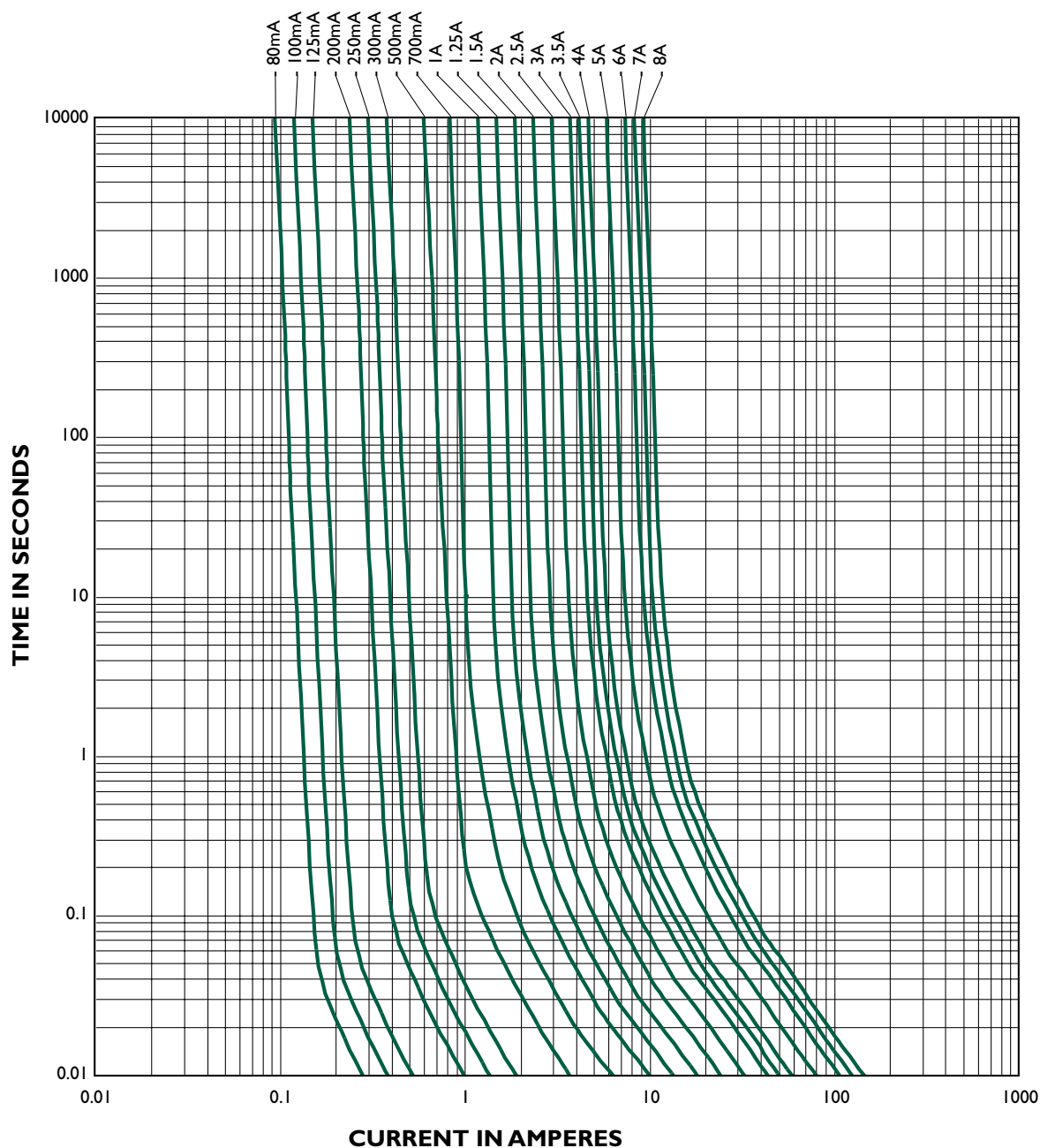
ORDERING INFORMATION SEE PAGES 67 & 68

Type 5MF / 5MFP
Fast Blow Fuse Series

5 x 20mm Glass Tube

5MFC0801

5MF / 5MFP - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

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

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