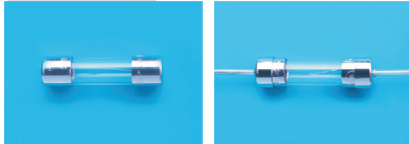


5MFD0808



### 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

### Approval



Safety Agency Approvals	Type	Amp range / volt @ I.R. ability
UL Listed File No. E20624	5MF / 5MFP	80mA - 3A / 250V AC@ 200A
SP Certified File No. LR39772		80mA - 8A / 125V AC@ 10,000A
PS E File No. JET1037-31003-1001, JET1037-31003-1003	5MF / 5MFP	1A - 5A / 125V AC@ 500A
File No. JET1037-31003-1002	5MF	>5A - 15A / 125V AC@ 300A

### RoHS 6 Compliant Product

#### Operating Temperature

-55°C to +125°C

#### Physical Specification

##### Materials

Glass body / Nickel Plated Brass Caps

Lead wire:

Matte Tin Plated Copper,  
Diameter 0.032", 5A and less  
Diameter 0.040", 6A and above

##### Marking

On fuse:

"bel", "5MF", "Current Rating", "Voltage Rating",  
"Appropriate Safety Logos", "✓" (RoHS 6 compliant)

On label:

"bel", "5MF" or "5MFP", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "M", "e" (China RoHS compliant)

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:

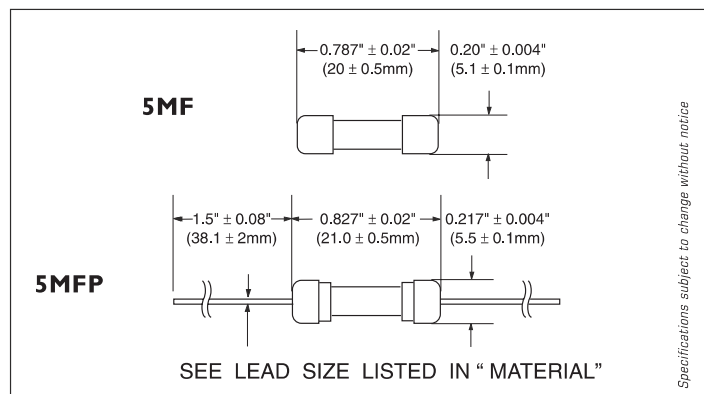
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% 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)
5MF (P) 80-R	80mA	10.2	3.05	0.0004	0.0004	0.32
5MF (P) 100-R	100mA	7.2	2.65	0.0009	0.0008	0.35
5MF (P) 125-R	125mA	6.8	3.64	0.0017	0.0015	0.60
5MF (P) 200-R	200mA	3.4	2.76	0.007	0.006	0.72
5MF (P) 250-R	250mA	1.4	1.19	0.016	0.014	0.25
5MF (P) 300-R	300mA	1.3	1.12	0.020	0.019	0.39
5MF (P) 350-R	350mA	0.906	1.02	0.038	0.032	0.36
5MF (P) 400-R	400mA	0.557	0.934	0.080	0.084	0.20
5MF (P) 500-R	500mA	0.467	0.791	0.122	0.118	0.33
5MF (P) 600-R	600mA	0.390	0.719	0.195	0.195	0.44
5MF (P) 700-R	700mA	0.312	0.684	0.265	0.267	0.65
5MF (P) 800-R	800mA	0.253	0.634	0.398	0.399	0.54
5MF (P) 1-R	1A	0.119	0.201	0.877	0.851	0.26
5MF (P) 1.25-R	1.25A	0.090	0.189	1.5	1.5	0.31
5MF (P) 1.5-R	1.5A	0.068	0.178	2.6	2.6	0.36
5MF (P) 2-R	2A	0.051	0.167	4.4	4.5	0.44
5MF (P) 2.5-R	2.5A	0.039	0.157	7.6	7.8	0.52
5MF (P) 3-R	3A	0.029	0.148	13	14	0.59
5MF (P) 3.5-R	3.5A	0.024	0.141	17	18	0.65
5MF (P) 4-R	4A	0.021	0.137	22	24	0.72
5MF (P) 5-R	5A	0.016	0.129	38	41	0.84
5MF (P) 6-R	6A	0.012	0.121	65	72	0.96
5MF (P) 7-R	7A	0.010	0.119	88	97	1.10
5MF (P) 8-R	8A	0.0092	0.117	113	126	1.23

Consult manufacturer for other ratings

### Mechanical Dimensions



ORDERING INFORMATION SEE LAST 2 PAGES

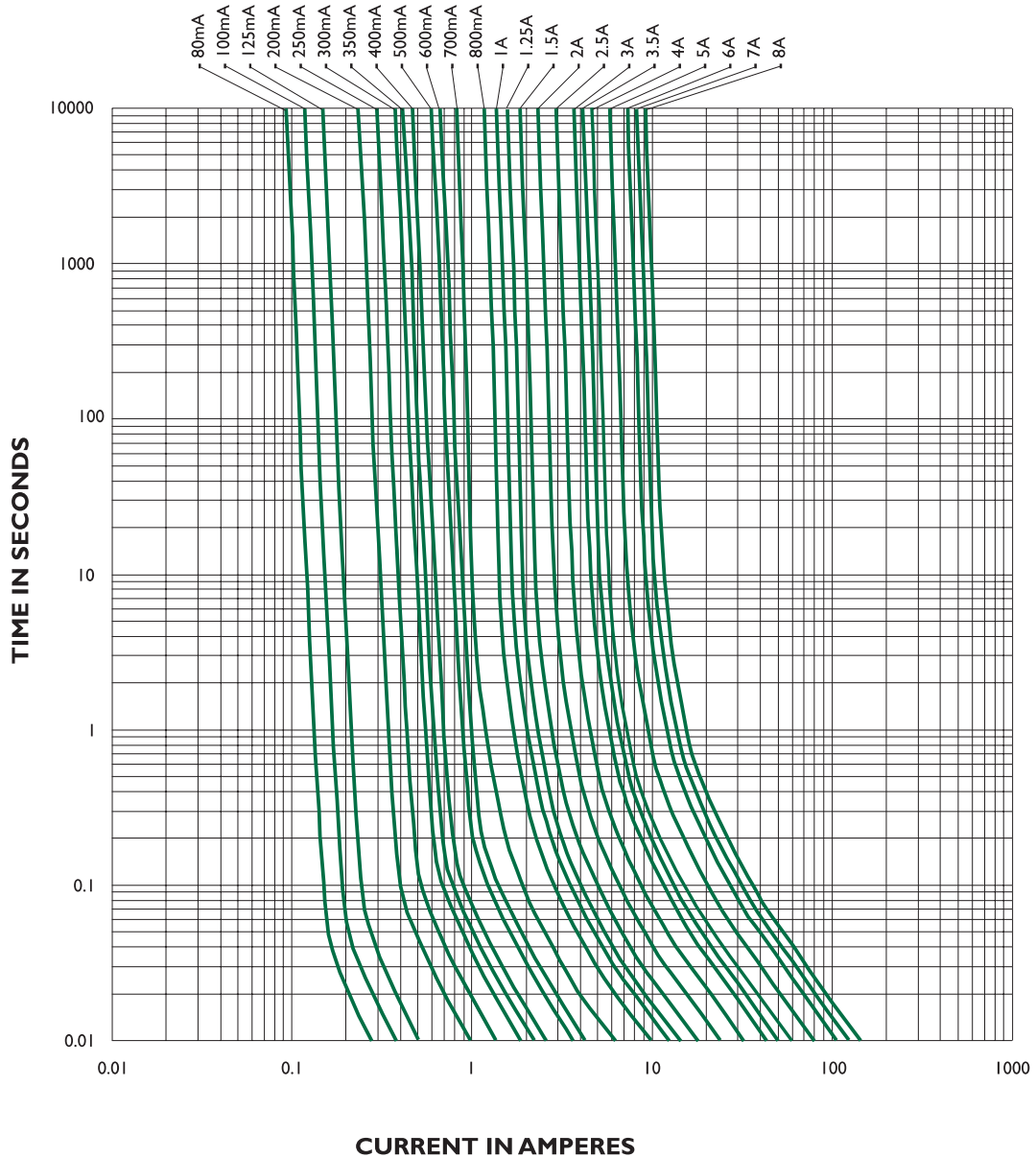
**Type 5MF / 5MFP**  
**Fast Blow Fuse Series**

5 x 20mm Glass Tube  
 RoHS 6 Compliant



5MFC0808

**5MF / 5MFP - TIME CURRENT CHARACTERISTIC CURVE**



Specifications subject to change without notice

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  
 Website: 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 8UQ  
 Lancashire, U.K  
 Tel: 44-1772-556601  
 Fax: 44-1772-888366