5 × 20mm Fuses
Glass Tube

multicomp

RoHS Compliant

Features

- Time-delay, low breaking capacity
- Optional axial leads available
- 5 × 20mm physical size
- Glass tube, nickel-plated brass end cap construction
- Designed to IEC 60127-2/3 (32mA to 10A) and extensions : 12.5A to 15A
- Operating Temperature: -40°C to +125°C

MCF06G Electrical Characteristics							
I_n	2.1 I_n	2.75 I_n		4 I_n		10 I_n	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.
32mA - 100mA	2 min.	200ms	10s	40ms	3s	10ms	300ms
125mA - 6.3A		600ms		150ms		20ms	
8A - 15A							

Specification Table

Part Number	Voltage Rating V AC	Interrupting Rating (Amperes) at Rated Voltage (50 Hz) V AC	Typical DC Cold Resistance (W)*	Typical Melting I^2t (Amperes)	Typical Voltage Drop (mV)‡
MCF06G-32MA	250	35	21	0.0051	1050
MCF06G-40MA	250	35	13.9	0.0072	920
MCF06G-50MA	250	35	9.24	0.0095	800
MCF06G-63MA	250	35	6.96	0.021	760
MCF06G-80MA	250	35	4.42	0.038	580
MCF06G-100MA	250	35	2.8	0.045	490
MCF06G-125MA	250	35	1.97	0.063	390
MCF06G-160MA	250	35	1.27	0.093	320
MCF06G-200MA	250	35	1	0.114	340
MCF06G-250MA	250	35	0.64	0.265	270
MCF06G-315MA	250	35	0.45	0.621	250
MCF06G-400MA	250	35	0.31	0.872	210
MCF06G-500MA	250	35	0.183	0.827	140
MCF06G-630MA	250	35	0.186	1.33	150
MCF06G-800MA	250	35	0.129	2.78	75
MCF06G-1A	250	35	0.0757	6.45	87.5
MCF06G-1.25A	250	35	0.06	10.05	86
MCF06G-1.6A	250	35	0.0425	21.7	82

5 × 20mm Fuses
Glass Tube

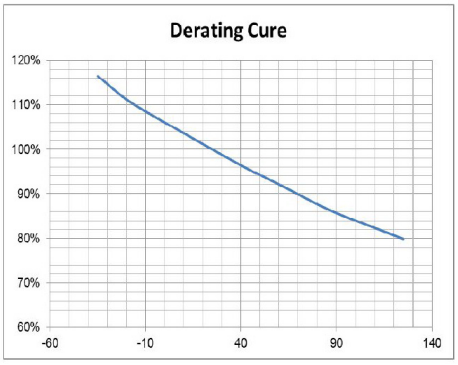
Part Number	Voltage Rating V AC	Interrupting Rating (Amperes) at Rated Voltage (50 Hz) V AC	Typical DC Cold Resistance (W)*	Typical Melting I^2t (Amperes)	Typical Voltage Drop (mV)‡
MCF06G-2A	250	35	0.03325	31.6	77
MCF06G-2.5A	250	35	0.0255	59.4	72.5
MCF06G-3.15A	250	35	0.0185	96.4	68.5
MCF06G-4A	250	40	0.0139	71.8	67
MCF06G-5A	250	50	0.00985	142.5	60.5
MCF06G-6.3A	250	63	0.0071	237.6	54
MCF06G-10A	250	100	0.005	450	54

* DC cold resistance (measured at <10% of rated current).
‡ Typical voltage drop (voltage drop was measured at 20°C ambient temperature at rated current).

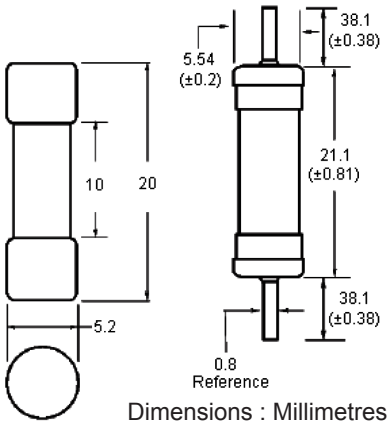
Temperature Derating Curve

Normal Operating Temperature : 25°C ±2°C
Operating Temperature : -40°C to 125°C with proper correction factor applied

Correction Factor Chart



Drawing Not to Scale

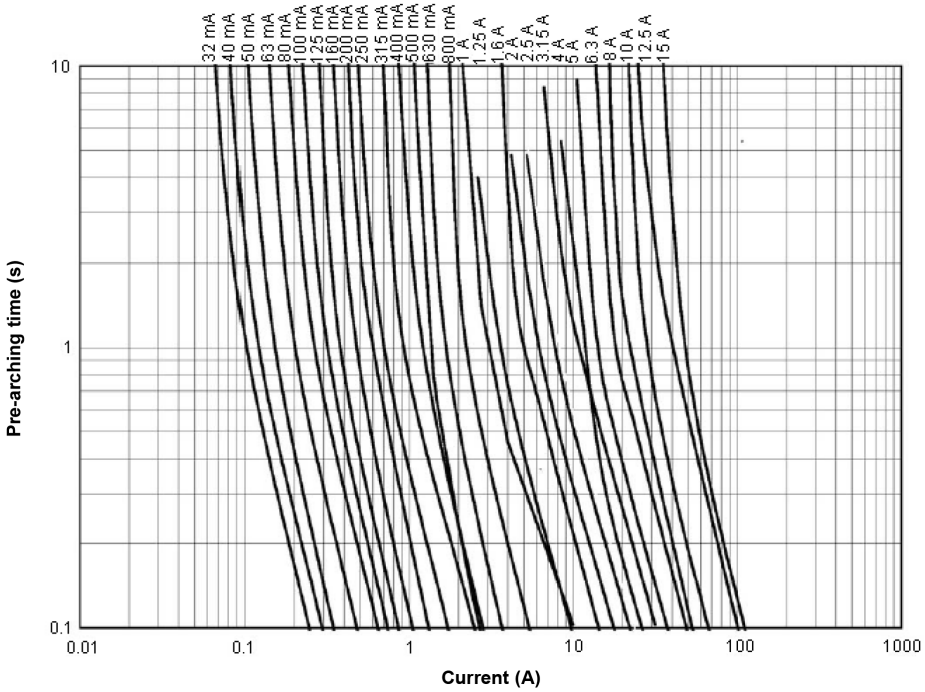


Dimensions : Millimetres

Ratings above 4A have a 0.81mm diameter lead

5 × 20mm Fuses
Glass Tube

Nominal Time-Current Characteristics of MCF06G-R



Part Number Table

Description	Part Number
Fuse, Antisurge, Glass, 1.25A	MCF06G-1.25A
Fuse, Antisurge, Glass, 1.6A	MCF06G-1.6A
Fuse, Antisurge, Glass, 100mA	MCF06G-100MA
Fuse, Antisurge, Glass, 10A	MCF06G-10A
Fuse, Antisurge, Glass, 125mA	MCF06G-125MA
Fuse, Antisurge, Glass, 160mA	MCF06G-160MA
Fuse, Antisurge, Glass, 1A	MCF06G-1A
Fuse, Antisurge, Glass, 2.5A	MCF06G-2.5A
Fuse, Antisurge, Glass, 200mA	MCF06G-200MA
Fuse, Antisurge, Glass, 250mA	MCF06G-250MA
Fuse, Antisurge, Glass, 2A	MCF06G-2A
Fuse, Antisurge, Glass, 3.15A	MCF06G-3.15A
Fuse, Antisurge, Glass, 315mA	MCF06G-315MA

Description	Part Number
Fuse, Antisurge, Glass, 32mA	MCF06G-32MA
Fuse, Antisurge, Glass, 400mA	MCF06G-400MA
Fuse, Antisurge, Glass, 40mA	MCF06G-40MA
Fuse, Antisurge, Glass, 4A	MCF06G-4A
Fuse, Antisurge, Glass, 500mA	MCF06G-500MA
Fuse, Antisurge, Glass, 50mA	MCF06G-50MA
Fuse, Antisurge, Glass, 5A	MCF06G-5A
Fuse, Antisurge, Glass, 6.3A	MCF06G-6.3A
Fuse, Antisurge, Glass, 630mA	MCF06G-630MA
Fuse, Antisurge, Glass, 63mA	MCF06G-63MA
Fuse, Antisurge, Glass, 800mA	MCF06G-800MA
Fuse, Antisurge, Glass, 80mA	MCF06G-80MA