



5mm x 20mm Fuses **GMC Series Medium Time Delay, Glass Tube**

Description

- Medium time delay, low breaking capacity
- · Optional axial leads available
- 5mm x 20mm physical size
- Glass tube, nickel-plated brass endcap construction
- Designed to UL/CSA 248-14

| ELECTRICAL CHARACTERISTICS | | | | | |
|--|------|--------------------|--|--|--|
| Rated Current % of Amp Rating Opening Time | | | | | |
| 63mA - 10A | 100% | None | | | |
| | 135% | 60 minutes maximum | | | |
| | 200% | 2 minutes maximum | | | |

Agency Information

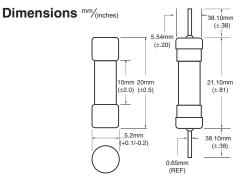
- UL Listed, Guide JDYX, File E19180, 63mA-6.3A
- UL Recognized Card: (7A-10A) Guide JDYX2, File E19180
- CSA Certified, Class 1422-01, File E65063, 63mA-6.3A
- MITI Approval, 1A-10A
- CCC Approval, 500mA-6.3A

Ordering

- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. GMC-2-R)







- Ratings above 6.3A have a 0.8mm diameter lead
- With TR2 packaging code, lead wire length is 19.05mm

| (i.e. Givic-2-n) | | | | | | | |
|------------------|-------------------|------|--------------------|-------------------------------|------------------------|--------------------|--|
| SPECIFICATIONS | | | | | | | |
| Product Code | Voltage Rating | Ra | errupting ting* | Typical DC Cold Resistance | Typical Pre-Arc I²t | Maximum Voltage | |
| | AC | 250V | 125V | (ohms)** | AC† | Drop (mV)‡ | |
| GMC-63mA | 250V | 35A | 10,000A | 10.350 | 0.0027 | 1400 | |
| GMC-80mA | 250V | 35A | 10,000A | - | 0.0050 | 1400 | |
| GMC-100mA | 250V | 35A | 10,000A | 4.775 | 0.0094 | 1200 | |
| GMC-125mA | 250V | 35A | 10,000A | 3.400 | 0.014 | 1000 | |
| GMC-150mA | 250V | 35A | 10,000A | 2.555 | 0.022 | 800 | |
| GMC-160mA | 250V | 35A | 10,000A | 2.295 | 0.022 | 730 | |
| GMC-200mA | 250V | 35A | 10,000A | 1.395 | 0.032 | 650 | |
| GMC-250mA | 250V | 35A | 10,000A | 0.965 | 0.046 | 490 | |
| GMC-300mA | 250V | 35A | 10,000A | 0.838 | 0.081 | 580 | |
| GMC-315mA | 250V | 35A | 10,000A | 0.685 | 0.081 | 480 | |
| GMC-400mA | 250V | 35A | 10,000A | 0.615 | 0.18 | 510 | |
| GMC-500mA | 250V | 35A | 10,000A | 0.335 | 0.41 | 370 | |
| GMC-600mA | 250V | 35A | 10,000A | 0.282 | 0.60 | 360 | |
| GMC-630mA | 250V | 35A | 10,000A | 0.246 | 0.66 | 360 | |
| GMC-700mA | 250V | 35A | 10,000A | 0.213 | 0.85 | 340 | |
| GMC-750mA | 250V | 35A | 10,000A | 0.213 | 0.85 | 320 | |
| GMC-800mA | 250V | 35A | 10,000A | 0.180 | 0.85 | 290 | |
| GMC-1A | 250V | 35A | 10,000A | 0.156 | 1.8 | 250 | |
| GMC-1.25A | 250V | 100A | 10,000A | 0.098 | 3.4 | 200 | |
| GMC-1.5A | 250V | 100A | 10,000A | 0.076 | 5.4 | 190 | |
| GMC-1.6A | 250V | 100A | 10,000A | 0.067 | 5.8 | 160 | |
| GMC-2A | 250V | 100A | 10,000A | 0.043 | 8.9 | 130 | |
| GMC-2.5A | 250V | 100A | 10,000A | 0.035 | 13 | 130 | |
| GMC-3A | 250V | 100A | 10,000A | 0.026 | 19 | 130 | |
| GMC-3.15A | 250V | 100A | 10,000A | 0.025 | 23 | 130 | |
| GMC-3.5A | 125V | - | 10,000A | 0.022 | 25 | 130 | |
| GMC-4A | 125V | - | 10,000A | 0.019 | 36 | 120 | |
| GMC-5A | 125V | - | 10,000A | 0.014 | 58 | 120 | |
| GMC-6A | 125V | - | 10,000A | 0.013 | 88 | 120 | |
| GMC-6.3A | 125V | - | 10,000A | 0.012 | 110 | 120 | |
| GMC-7A | 125V | - | 200A | 0.012 | 150 | 120 | |
| GMC-8A | 125V | - | 200A | 0.009 | 200 | 110 | |
| GMC-10A | 125V | - | 200A | 0.007 | 300 | 110 | |
| | | | | | | | |

- Interrupting ratings: Interrupting ratings for 7A 10A were measured at 70% 80% power factor on AC. The interrupting ratings for 7A 10A were measured at 100% power factor on AC. DC Cold Resistance (Measured at <10% of rated current)
- Typical Pre-Arching It (I't was measured at listed interrupting rating and rated voltage)

 Maximum Voltage drop (Voltage drop was measured at 20°C ambient temperature at rated current)

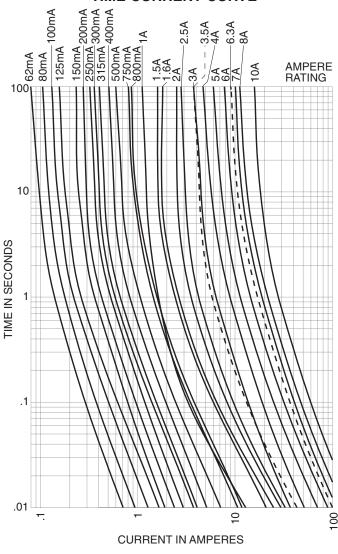




5mm x 20mm Fuses

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TIME CURRENT CURVE



| PACKAGING CODE | | |
|----------------|---|--|
| Packaging Code | Description | |
| BK | 100 pieces of fuses packed into a cardboard carton | |
| BK1 | 1,000 pieces of fuses packed into a poly bag | |
| TR2 | 1,500 pieces of fuses packed into tape on a reel (19.05mm lead wire length) | |

| OPTION CODE | | |
|-------------|--|--|
| Option Code | de Description | |
| V | Axial leads - copper tinned wire with nickel plated brass overcaps | |
| -R | RoHS compliant version | |

Cooper (UK) Limited



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OC-2596 3/07

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