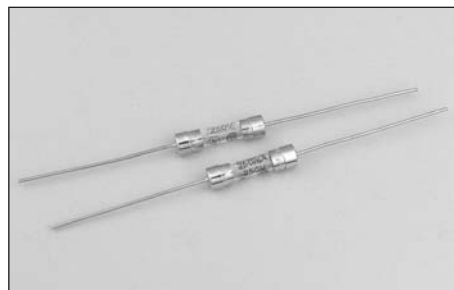


## 5 x 20mm Fuses

### GMD Series, Time-Delay, Glass Tube

#### Description

- Time-delay, low breaking capacity
- Optional axial leads available
- 5 x 20mm physical size
- Nickel-plated brass endcap construction
- Designed to UL/CSA 248-14



| Electrical Characteristics |                 |                                        |
|----------------------------|-----------------|----------------------------------------|
| Rated Current              | % of Amp Rating | Opening Time                           |
| 100mA - 4A                 | 100%            | None                                   |
|                            | 135%            | 60 minutes maximum                     |
|                            | 200%            | 5 seconds minimum<br>2 minutes maximum |

#### Agency Information

- UL Listed, Guide JDYX, File E19180
- UL Recognition Card (4A), Guide JDYX2, File E19180
- CSA Certified, Class 1422-01, File 53787
- PSE/JET, File 1641-31003-1001

#### Ordering

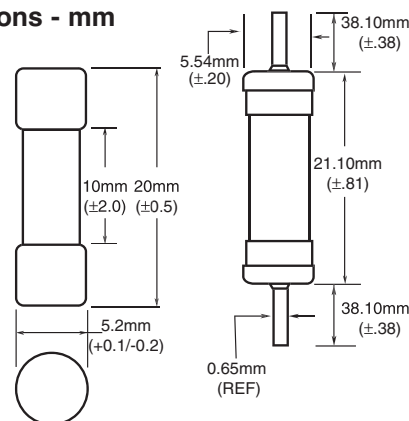
Specify product code

- Insert packaging code prefix before part number. E.g. BK/GMD-250-R

Specify option code if desired

- For axial leads, insert "V" between catalog series and amp rating. E.g. BK/GMD-V-250-R

#### Dimensions - mm



- With TR2 packaging code, lead wire length is 19.05mm

| Specifications |                    |                                                    |         |                                  |                                          |                            |                  |         |     |
|----------------|--------------------|----------------------------------------------------|---------|----------------------------------|------------------------------------------|----------------------------|------------------|---------|-----|
| Part Number    | Voltage Rating Vac | Interrupting Rating (amps) at Rated Voltage (50Hz) |         | Typical DC Cold Resistance (Ω)** | Typical Melting I <sup>†</sup> t (amps)† | Typical Voltage Drop (mV)‡ | Agency Approvals |         |     |
|                |                    | 250 Vac                                            | 125 Vac |                                  |                                          |                            | UL               | PSE JET | CSA |
|                |                    |                                                    |         |                                  |                                          |                            |                  |         |     |
| GMD-125-R      | 250                | 35                                                 | 10,000  | 8.125                            | 0.043                                    | 1600                       | X                |         | X   |
| GMD-150-R      | 250                | 35                                                 | 10,000  | 6.065                            | 0.046                                    | 1200                       | X                |         | X   |
| GMD-200-R      | 250                | 35                                                 | 10,000  | 5.190                            | 0.200                                    | 1100                       | X                |         | X   |
| GMD-250-R      | 250                | 35                                                 | 10,000  | 3.455                            | 0.4                                      | 950                        | X                |         | X   |
| GMD-300-R      | 250                | 35                                                 | 10,000  | 3.215                            | 0.650                                    | 800                        | X                |         | X   |
| GMD-315-R      | 250                | 35                                                 | 10,000  | 2.400                            | 0.890                                    | 750                        | X                |         | X   |
| GMD-375-R      | 250                | 35                                                 | 10,000  | 1.625                            | 0.890                                    | 650                        | X                |         | X   |
| GMD-400-R      | 250                | 35                                                 | 10,000  | 1.505                            | 1.2                                      | 600                        | X                |         | X   |
| GMD-500-R      | 250                | 35                                                 | 10,000  | 1.0645                           | 1.4                                      | 550                        | X                |         | X   |
| GMD-600-R      | 250                | 35                                                 | 10,000  | 0.948                            | 3.1                                      | 450                        | X                |         | X   |
| GMD-630-R      | 250                | 35                                                 | 10,000  | 0.629                            | 3.1                                      | 450                        | X                |         | X   |
| GMD-750-R      | 250                | 35                                                 | 10,000  | 0.4425                           | 4.7                                      | 410                        | X                |         | X   |
| GMD-800-R      | 250                | 35                                                 | 10,000  | 0.4475                           | 6.6                                      | 380                        | X                |         | X   |
| GMD-1-R        | 250                | 35                                                 | 10,000  | 0.3065                           | 12                                       | 310                        | X                | X       | X   |
| GMD-1.2-R      | 250                | 100                                                | 10,000  | 0.299                            | 16                                       | 280                        | X                | X       | X   |
| GMD-1.25-R     | 250                | 100                                                | 10,000  | 0.1995                           | 16                                       | 245                        | X                | X       | X   |
| GMD-1.5-R      | 250                | 100                                                | 10,000  | 0.158                            | 25                                       | 240                        | X                | X       | X   |
| GMD-1.6-R      | 250                | 100                                                | 10,000  | 0.124                            | 27                                       | 220                        | X                | X       | X   |
| GMD-2-R        | 250                | 100                                                | 10,000  | 0.107                            | 42                                       | 200                        | X                | X       | X   |
| GMD-2.5-R      | 250                | 100                                                | 10,000  | 0.0905                           | 94                                       | 195                        | X                | X       | X   |
| GMD-3-R        | 250                | 100                                                | 10,000  | 0.0655                           | 145                                      | 190                        | X                | X       | X   |
| GMD-4-R        | 250                | 200                                                | 10,000  | 0.048                            | 300                                      | 190                        | UR               | X       |     |

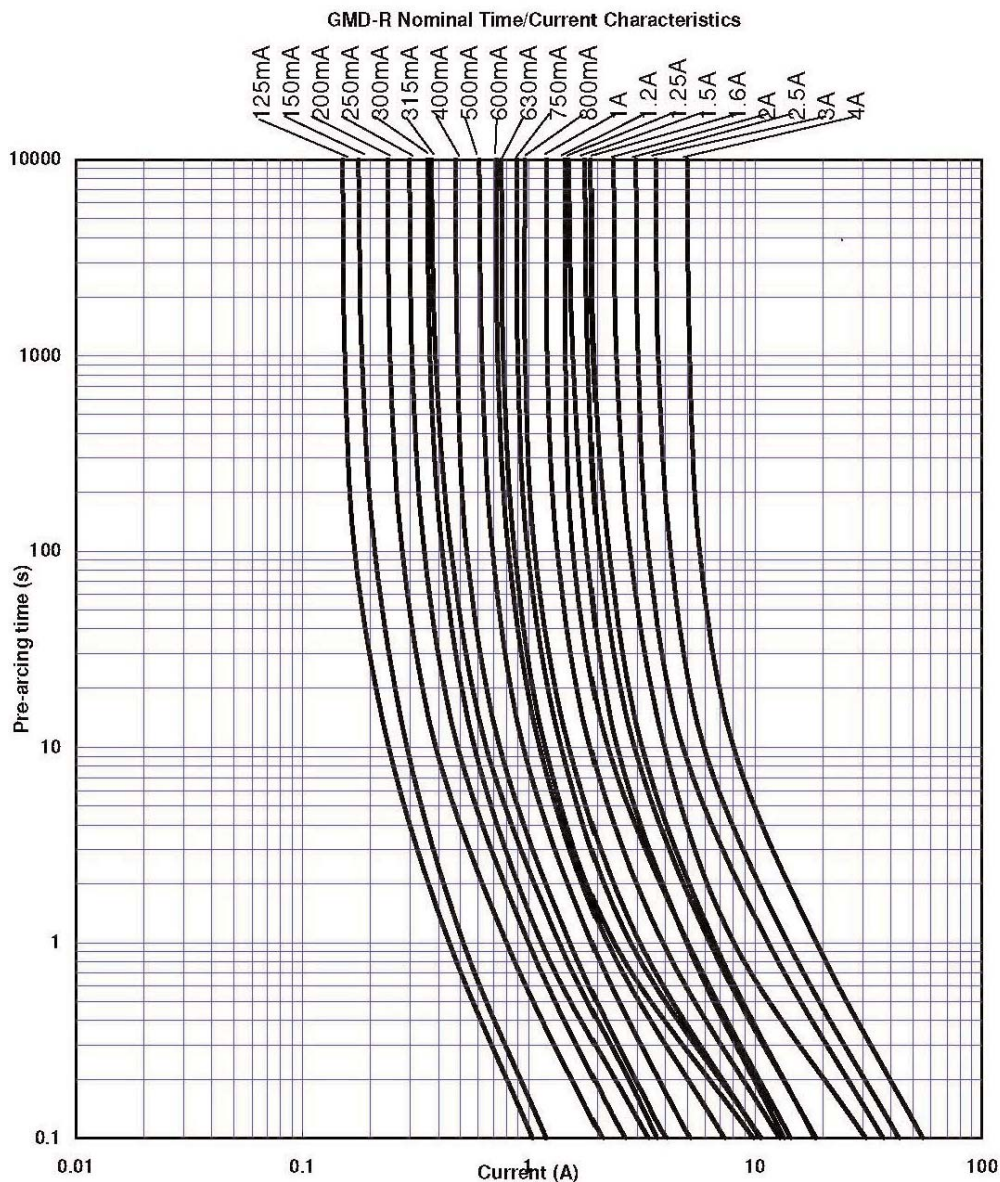
\* Interrupting ratings (Interrupting ratings for 125mA - 3A were measured at 70% - 80% power factor on AC. The interrupting ratings for 4A were measured at 100% power factor on AC)

\*\* Typical DC Cold Resistance (measured at <10% of rated current)

† Typical Melting I<sup>†</sup>t (I<sup>†</sup>t was measured at listed interrupting rating and rated voltage)

‡ Typical Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current)

## Time-Current Curve



### Packaging Code

| Packaging Prefix | Description                                                       |
|------------------|-------------------------------------------------------------------|
| <b>BK</b>        | 100 fuses packed into a cardboard carton                          |
| <b>BK1</b>       | 1,000 fuses packed into a poly bag                                |
| <b>TR2</b>       | 1,500 fuses packed into tape on a reel (19.05mm lead wire length) |

### Option Code

| Option Code | Description                                                       |
|-------------|-------------------------------------------------------------------|
| <b>V</b>    | Axial leads - copper tinned wire with nickel plated brass endcaps |

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