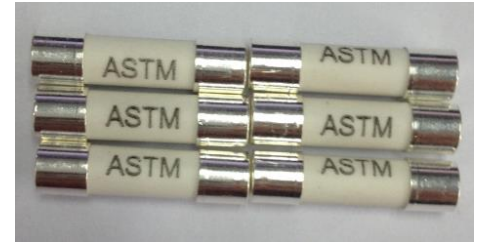


300VAC/DC, 5x20mm, Time Delay, Ceramic Tube Fuses

MV520 Series

Description

- Time Delay, High breaking capacity
- 5x20mm physical size
- Ceramic tube, Silver plated copper cap construction
- Designed to IEC 60127-2, Standard Sheet 5
- Lead Free and Halogen free material



| Electrical Characteristics | | | | | |
|----------------------------|-------------|-------------|---------------|--------------|--------------|
| Rated Current | 1.5In | 2.1In | 2.75In | 4.0In | 10.0In |
| 100mA-800mA | 1 hour min. | 30min. max. | 250ms – 80sec | 50ms – 5sec | 5ms – 150ms |
| Above 800mA – 3.15A | 1 hour min. | 30min. max. | 750ms – 80sec | 95ms – 5sec | 10ms – 150ms |
| Above 3.15A – 6.3A | 1 hour min. | 30min. max. | 750ms – 80sec | 150ms – 5sec | 10ms – 150ms |
| Above 6.3A – 20A | 30min min. | 30min. max. | 750ms – 80sec | 150ms – 5sec | 10ms – 150ms |

Specifications

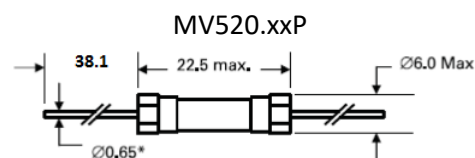
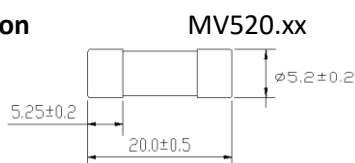
| Part No. | Rated Voltage | | Rated Current | Breaking Capacity (A) | | Typical Cold Resistance (mOhms) | Typical Voltage Drop (mV) | Typical Pre-Arcing I ² t (A ² Sec) | |
|------------|---------------|------|---------------|-----------------------|-------|---------------------------------|---------------------------|--|-------|
| | AC | DC | | AC | DC | | | | |
| | MV520.0.5 | 300V | | 300V | 500mA | | | | 3000A |
| MV520.0.63 | 630mA | | 300 | | 210 | 0.352 | | | |
| MV520.0.8 | 800mA | | 210 | | 190 | 0.775 | | | |
| MV520.1 | 1A | | 170 | | 180 | 0.8 | | | |
| MV520.1.25 | 1.25A | | 130 | | 170 | 3.125 | | | |
| MV520.1.6 | 1.6A | | 60 | | 110 | 12.8 | | | |
| MV520.2 | 2A | | 55 | | 135 | 12 | | | |
| MV520.2.5 | 2.5A | | 50 | | 130 | 20 | | | |
| MV520.3.15 | 3.15A | | 32 | | 120 | 29.8 | | | |
| MV520.4 | 4A | | 30 | | 138 | 41.6 | | | |
| MV520.5 | 5A | | 17 | | 100 | 50 | | | |
| MV520.6.3 | 6.3A | | 14 | | 90 | 79.4 | | | |
| MV520.8 | 8A | | 8.8 | | 85 | 180 | | | |
| MV520.10 | 10A | | 7 | | 75 | 400 | | | |
| MV520.12 | 12A | | 300A | | 6 | 80 | 576 | | |
| MV520.15 | 15A | | | | 4 | 65 | 759 | | |
| MV520.16 | 16A | 3.5 | | 63 | 948 | | | | |
| MV520.20 | 20A | 2.8 | | 70 | 1600 | | | | |

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

* Typical Pre-arcing I²t are measured at 10In Current

* Breaking Capacity is pending

Dimension



* Ratings above 6.3A have a maximum 0.81mm diameter

300VAC/DC, 5x20mm, Time Delay, Ceramic Tube Fuses

MV520 Series

Time Current Curve

