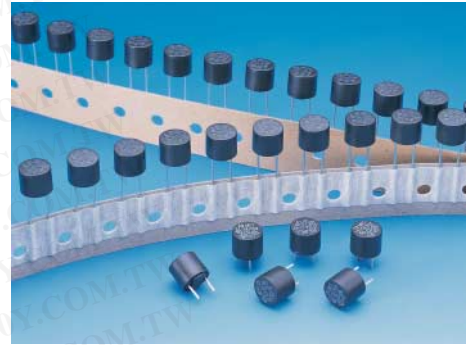


### Type MET RoHS Pb

#### Time Lag Radial Lead Micro Fuse Series



#### Approvals

|                |            |
|----------------|------------|
| VDE            | 40mA~6.3A  |
| UL Recognized  | 40mA~6.3A  |
| CSA Acceptance | 40mA ~6.3A |
| MITI           | 1A ~ 5A    |
| SEMKO          | 40mA~4A    |
| CCC            | 40mA~6.3A  |
| KTL            | 40mA~4A    |

#### Electrical Characteristics

| Rated Current | 1.5In  |       | 2.1In  |        | 2.75In |       | 4 In  |        | 10 In |     |
|---------------|--------|-------|--------|--------|--------|-------|-------|--------|-------|-----|
|               | MIN    | MAX   | MIN    | MAX    | MIN    | MAX   | MIN   | MAX    | MIN   | MAX |
| 40mA~5A       | 60 min | 2 min | 400 ms | 10 sec | 150 ms | 3 sec | 20 ms | 150 ms |       |     |
| 6.3 A         | 60 min | 2 min | 400 ms | 10 sec | 150 ms | 3 sec | 15 ms | 150 ms |       |     |

#### Interrupting Ratings

35 amperes or 10 x rated current; whichever is greater at 250V AC.

#### Environmental Specification

##### Operating Temperature

-55°C to +125°C

##### Shock

MIL-STD-202, Method 213, Condition 1 (Saw tooth)

##### Vibration

MIL-STD-202, Method 201(10-55 Hz x 3axis/no load)

##### Salt Spray

MIL-STD-202, Method 101, Test Condition B (48Hrs)

##### Insulation Resistance

MIL-STD-202, Method 302, Test Condition A (After Opening) 10,000 ohms minimum

##### Resistance to Solder Heat

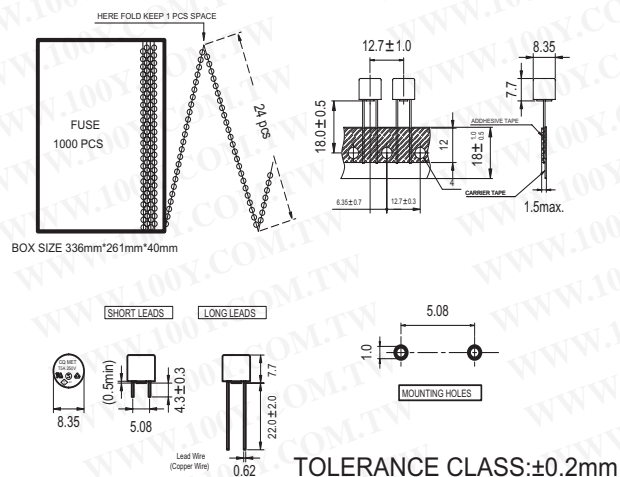
MIL-STD-202, Method 210, Test Condition F (10sec, at 260°C)

##### Thermal Shock:

MIL-STD-202, Method 107, Test Condition B (-65°C to +125°C)

| Cartridge Catalog Number | Ampere Rating [In] | Voltage Rating (V) | Nominal Resistance Cold Ohms | Voltage Drop (mv)MAX | Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec |
|--------------------------|--------------------|--------------------|------------------------------|----------------------|---|
| MET .040                 | 40 mA              | 250V               | 10.1000                      | 600                  | 0.016000  |
| MET .050                 | 50 mA              |                    | 6.8470                       | 550                  | 0.020000  |
| MET .063                 | 63 mA              |                    | 4.6550                       | 500                  | 0.027700  |
| MET .080                 | 80 mA              |                    | 2.8730                       | 400                  | 0.030000  |
| MET .100                 | 100 mA             |                    | 2.1170                       | 350                  | 0.040000  |
| MET .125                 | 125 mA             |                    | 1.2560                       | 300                  | 0.080000  |
| MET .160                 | 160 mA             |                    | 0.8230                       | 250                  | 0.150000  |
| MET .200                 | 200 mA             |                    | 0.5960                       | 250                  | 0.260000  |
| MET .250                 | 250 mA             |                    | 0.4050                       | 220                  | 0.470000  |
| MET .315                 | 315 mA             |                    | 0.2670                       | 200                  | 0.770000  |
| MET .400                 | 400 mA             |                    | 0.2000                       | 180                  | 1.200000  |
| MET .500                 | 500 mA             |                    | 0.1770                       | 170                  | 1.950000  |
| MET .630                 | 630 mA             |                    | 0.1270                       | 160                  | 3.100000  |
| MET .800                 | 800 mA             |                    | 0.0860                       | 150                  | 5.100000  |
| MET 001                  | 1 A                |                    | 0.0650                       | 140                  | 7.800000  |
| MET 1.25                 | 1.25 A             |                    | 0.0500                       | 130                  | 12.500000   |
| MET 1.60                 | 1.6 A              |                    | 0.0370                       | 120                  | 20.000000   |
| MET 002                  | 2 A                |                    | 0.0300                       | 100                  | 32.000000   |
| MET 2.50                 | 2.5 A              |                    | 0.0220                       | 100                  | 49.000000   |
| MET 3.15                 | 3.15 A             |                    | 0.0170                       | 100                  | 78.000000   |
| MET 004                  | 4 A                |                    | 0.0120                       | 100                  | 126.000000  |
| MET 005                  | 5 A                |                    | 0.0091                       | 100                  | 198.500000  |
| MET 6.30                 | 6.3 A              |                    | 0.0071                       | 100                  | 315.000000  |

#### Mechanical Dimensions



#### Physical Specification

##### Materials

Base and Cap: Black thermoplastic, UL 94-V0

Pin: Tin-lead plated alloy

##### Packaging

- In bulk: 1,000 pcs per box.
- On Tap: Ammo pack, 1,000 pcs box

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