

# MCT

8.35 x 3.95 x 5.0 mm

Time-Lag Fuse



## Agency Approvals

| Agency                                 | Ampere Rating |
|----------------------------------------|---------------|
| Recognized Component for Canada and US | 1A - 6.3A     |
| TUV                                    | 1A - 6.3A     |
| PSE                                    | 1A - 6.3A     |
| KC                                     | 1A - 6.3A     |
| CQC                                    | 1A - 6.3A     |

## Interrupting Rating

160 amperes at 250V AC  
100 amperes at 250V DC  
130 amperes at 300V AC (Optional)  
100 amperes at 400V AC (Optional)

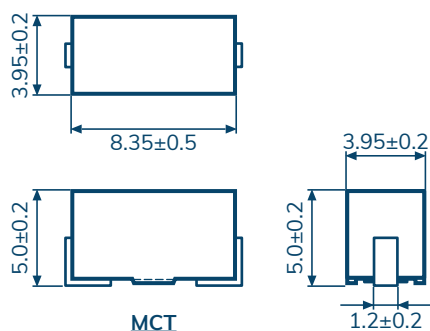
## Product Characteristics

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Operating Temperature | -55 °C to 125 °C                                                                   |
| Material              | Base and Cover: Brown thermoplastic, UL 94-V0<br>Flat lead wire: Tin Plated Copper |

## Packaging

| Packaging Option | Quantity         |
|------------------|------------------|
| On Tape          | 2,000 pcs / reel |

## Mechanical Dimensions (mm)



## Electrical Characteristics

| Ampere Rating | Opening Time |       |       |        |
|---------------|--------------|-------|-------|--------|
|               | 1.25 In      | 2 In  | 10 In |        |
|               | MIN          | MAX   | MIN   | MAX    |
| 1A - 6.3A     | 60 min       | 2 min | 10 ms | 100 ms |

| Catalog Number | Ampere Rating (A) | Voltage Rating (V) | Nominal Cold Resistance (Ohms) | Voltage Drop (mv) MAX | Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.) |
|----------------|-------------------|--------------------|--------------------------------|-----------------------|--------------------------------------------------------|
| MCT 001        | 1A                | 250V*1             | 0.0745                         | 300                   | 6.5998                                                 |
| MCT 1.25       | 1.25A             |                    | 0.0576                         | 300                   | 9.2800                                                 |
| MCT 1.60       | 1.6A              |                    | 0.0405                         | 300                   | 17.700                                                 |
| MCT 002        | 2A                |                    | 0.0342                         | 300                   | 31.200                                                 |
| MCT 2.50       | 2.5A              |                    | 0.0233                         | 300                   | 39.938                                                 |
| MCT 3.15       | 3.15A             |                    | 0.0184                         | 300                   | 55.635                                                 |
| MCT 004        | 4A                |                    | 0.0137                         | 300                   | 115.05                                                 |
| MCT 005        | 5A                |                    | 0.0101                         | 300                   | 135.00                                                 |
| MCT 6.30       | 6.3A              |                    | 0.0083                         | 300                   | 214.33                                                 |

\*1: 300V/400V optional