

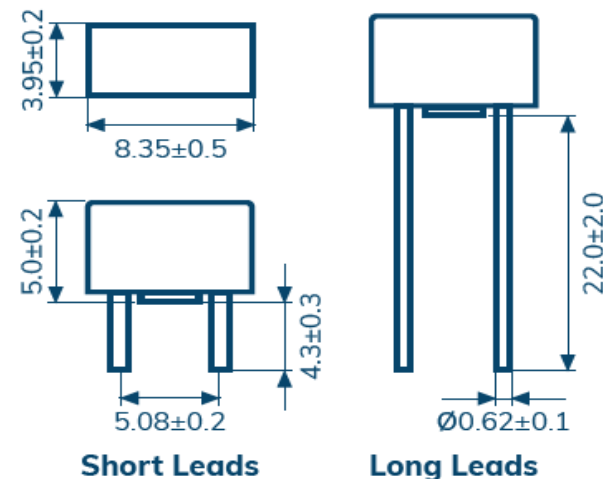
Technical Discription

Standard: IEC 60127, GB 9364
Operating Temperature: . -55°C ~ + 125°C
Storage Temperature: . -55°C ~ + 85°C
Solderability: 245°C ± 5°C 5sec ± 0,5sec
Resistance to Soldering Head: 260°C, 10s. Max.

Drawing (mm)

Electrical Characteristics:

| Ampere Rating | Opening Time | | | | | | | | | |
|---------------|--------------|------|-------|-------|---------|------|------|-------|-------|-----|
| | 1,5In | | 2,1In | | 2,75 In | | 4 In | | 10 In | |
| | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| 50mA ~ 6,3A | 60min | 2min | 400ms | 10sec | 150ms | 3sec | 20ms | 150ms | | |



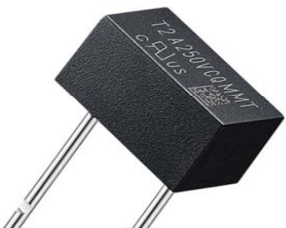
Approvals 250VAC

| | |
|-------|-----|
| CCC | |
| CQC | YES |
| SEMKO | YES |
| VDE | YES |
| URus | YES |
| BSI | YES |
| PSE | |
| KC | YES |
| TÜV | |

| | |
|---|---------------|
| 8,5mm Rectangular Mini-Fuse Time Lag | |
| Part No.: | R23005 |
| Customer: | |

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 02.09.2021 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 4 | |

EDCON-COMPONENTS



Technical Informations TIME-LAG-Fuse 8,35x3,95x5,0mm

| Agency | Ampere Rating |
|---|---------------|
| 35 A or 10 x rated current ; whichever is greater at 250VAC | |
| Recognized Component for Canada and US | 50mA ~ 6,3A |
| TÜV | 50mA ~ 6,3A |
| PSE | 1A ~ 6,3A |
| KTL | 50mA ~ 6,3A |
| CCC | 50mA ~ 6,3A |
| 160 amperes at 250VAC (optional) | |
| Recognized Component for Canada and US | 50mA ~ 6,3A |
| 100 amperes at 250VAC (optional) | |
| Recognized Component for Canada and US | 50mA ~ 6,3A |
| 130 amperes at 300VAC (optional) | |
| Recognized Component for Canada and US | 50mA ~ 6,3A |
| 100 amperes at 400VAC (optional) | |
| Recognized Component for Canada and US | 50mA ~ 6,3A |

Product Characteristics

| | |
|------------------------|---|
| Poperating Temperature | .-55°C to +125°C |
| Material | Base and Cover: Black thermoplastic, UL94-V0 Round Pins: Tin Plated Copper |

| Ampere Rating | Voltage Rating | Mominal Cold Resistance (Ω) | Voltage Drop (mV) MAX. | Nominal Melting I ² t (A ² sec.) |
|---------------|----------------|-----------------------------|------------------------|--|
| 50mA | 250V | 8,9000 | 550 | 0,0225 |
| 63mA | | 5,4053 | 480 | 0,0446 |
| 80mA | | 3,6870 | 400 | 0,0634 |
| 100mA | | 2,4063 | 350 | 0,1080 |
| 125mA | | 1,6194 | 300 | 0,1223 |
| 160mA | | 1,2458 | 280 | 0,2444 |
| 200mA | | 0,8240 | 260 | 0,3060 |
| 250mA | | 0,6300 | 240 | 0,6019 |
| 315mA | | 0,3800 | 220 | 0,8216 |
| 400mA | | 0,2700 | 200 | 1,4832 |
| 500mA | | 0,1861 | 190 | 2,7000 |
| 630mA | | 0,1401 | 180 | 3,1792 |
| 800mA | | 0,0982 | 160 | 5,7600 |
| 1A | | 0,0757 | 140 | 8,7300 |
| 1,25A | | 0,0550 | 130 | 9,2800 |
| 1,6A | | 0,0426 | 120 | 17,700 |
| 2A | | 0,0318 | 100 | 36,000 |
| 2,5A | | 0,0246 | 100 | 39,938 |
| 3,15A | | 0,0173 | 100 | 55,635 |
| 4A | | 0,0126 | 100 | 115,050 |
| 5A | 0,0090 | 100 | 135,000 | |
| 6,3A | 0,0073 | 100 | 214,330 | |

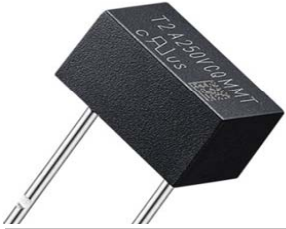
**8,5mm Rectangular
Mini-Fuse Time Lag**

Part No.: **R23005**

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 02.09.2021 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | | 2 from 4 |

Customer:

EDCON-COMPONENTS



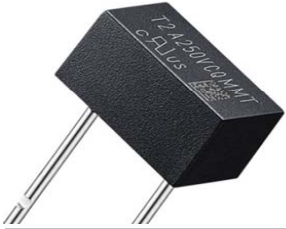
Ordering Informations

| Serie | Range Code | Voltage | ROHS | Packing | | | | | | |
|---------------|-------------|----------|----------|-----------|--|--|--|--|--|--|
| R23005 | 2A50 | A | R | BL | | | | | | |

| | | | |
|-------------------|------------------|------------------------|---------------------------------------|
| 2A50= 2,5A | A= 250VAC | R= ROHS Conform | BL Bulk-Ware long Lead |
| | | | B4= Bulk-Ware lead length 4mm |
| | | | TR= Tape Reel 1000PCS standard |

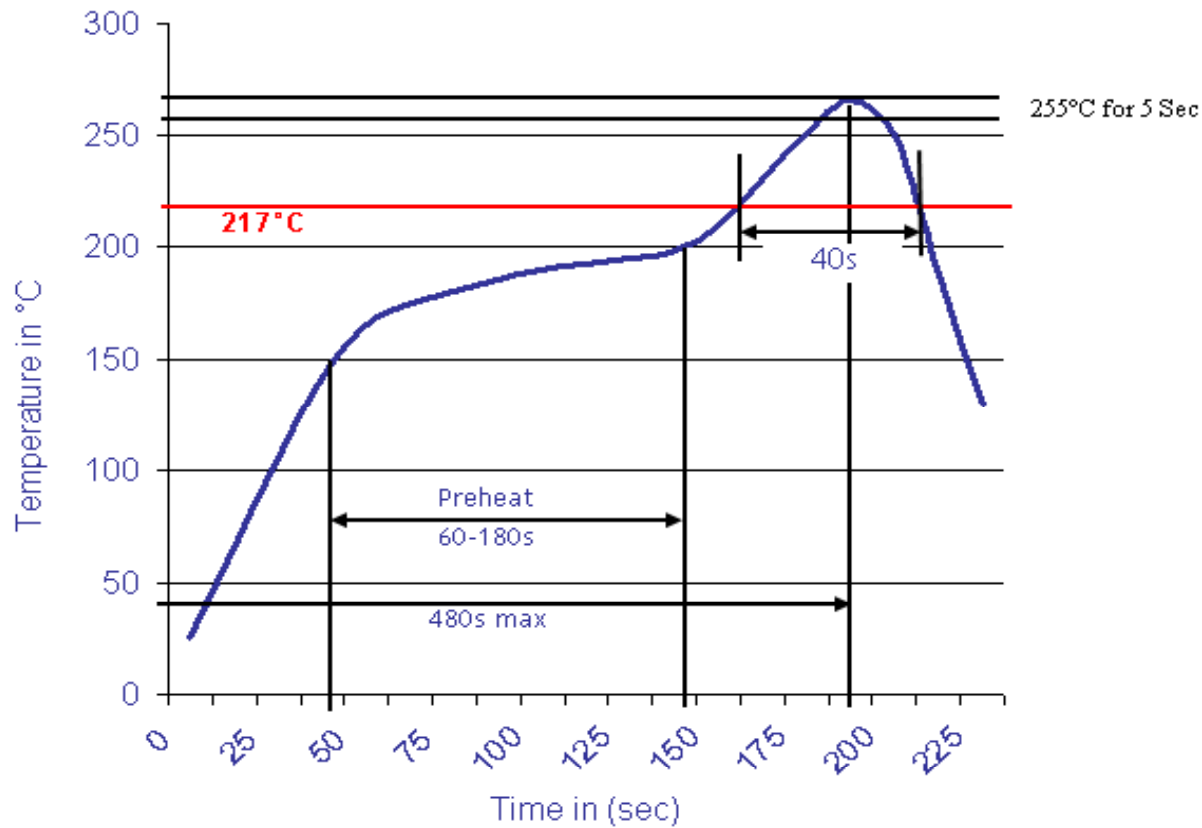
| |
|---|
| 8,5mm Rectangular Mini-Fuse Time Lag |
| Part No.: R23005 |
| Customer: |

| | | | | | | | | | |
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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



| | |
|---|---------------|
| 8,5mm Rectangular Mini-Fuse Time Lag | |
| Part No.: | R23005 |
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| | | | | | | | | | |
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| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 4 from 4 | |