

Subminiature Fuse, 11.5 x 5 mm, Trage T



IEC 60127-4 · 250VAC · Time-Lag T



Description

- Not recommended for new designs

Standards

- IEC 60127-4/1
- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- UL File Number: E41599

Applications

- Primary Protection on PCB
- Power Supply Adapter for e.g. laptops


References

[General Product Information](#)
 Time-Current Curves see last page
 Corresponding Fuseholder [231819](#)
[Packaging Details](#)

Weblinks


[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

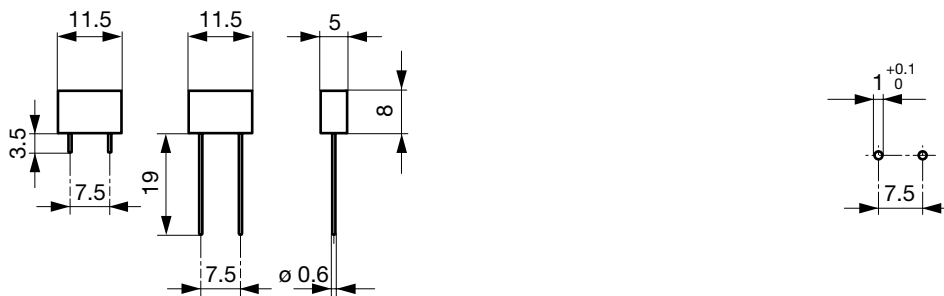
Technical Data

| | |
|------------------------------|--|
| Rated Voltage | 250VAC |
| Rated Current | 0.2 - 10A |
| Breaking Capacity | 50A - 100A |
| Characteristic | Time-Lag T |
| Mounting | PCB,THT |
| Admissible Ambient Air Temp. | -40 °C to 85 °C |
| Climatic Category | 40/085/21 acc. to IEC 60068-1 |
| Material: Housing | Thermoplastic, UL 94V-0 |
| Material: Terminals | Tin-Plated Copper |
| Unit Weight | 0.72 g |
| Storage Conditions | 0 °C to 60 °C, max. 70% r.h. |
| Product Marking |  \bar{I}_n , Current Rating, Voltage Rating, Characteristic, Breaking Capacity, Approvals |

| | |
|------------------------------|---|
| Soldering Methods | Wave, Iron |
| Solderability | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1 |
| Resistance to Soldering Heat | 260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A |
| Resistance to Vibration | acc. to IEC 60068-2-6, test Fc |

Dimensions

Length  11.5 mm




Drilling Diagram

Pre-Arcing Time

| Rated Current I_n | 1.25 x I_n min. | 2.0 x I_n max. | 10.0 x I_n min. | 10.0 x I_n max. |
|---------------------|-------------------|------------------|-------------------|-------------------|
| 0.2 A - 10 A | 60 min | 120 s | 10 ms | 100 ms |

Variants

S = Short Terminals
L = Long Terminals
T = Taped and Reeled

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In typ. [mV] | Power Dissipation 1.25 I _n typ. [mW] | Melting I ² t 10.0 Intyp. [A ² s] |  | | | S | L | T | Order Number |
|-------------------|---------------------|-------------------|-------------------------------|---|---|---|---|---|---|---|---|--------------|
| 0.2 | 250 | 1) | 235 | 85 | 0.1 | ● | ● | ● | | | | 7100.1008.xx |
| 0.25 | 250 | 1) | 180 | 80 | 0.2 | ● | ● | ● | | | | 7100.1009.xx |
| 0.315 | 250 | 1) | 130 | 70 | 0.3 | ● | ● | ● | | | | 7100.1010.xx |
| 0.4 | 250 | 1) | 130 | 90 | 0.49 | ● | ● | ● | | | | 7100.1011.xx |
| 0.5 | 250 | 1) | 120 | 110 | 0.53 | ● | ● | ● | | | | 7100.1012.xx |
| 0.63 | 250 | 1) | 100 | 115 | 1.13 | ● | ● | ● | | | | 7100.1013.xx |
| 0.8 | 250 | 2) | 230 | 330 | 1.5 | ● | ● | ● | | | | 7100.1014.xx |
| 1 | 250 | 2) | 155 | 300 | 1.6 | ● | ● | ● | | | | 7100.1015.xx |
| 1.25 | 250 | 2) | 120 | 270 | 3 | ● | ● | ● | | | | 7100.1016.xx |
| 1.6 | 250 | 2) | 120 | 375 | 4.9 | ● | ● | ● | | | | 7100.1017.xx |
| 2 | 250 | 2) | 105 | 400 | 7 | ● | ● | ● | | | | 7100.1018.xx |
| 2.5 | 250 | 3) | 95 | 420 | 7.3 | ● | ● | ● | | | | 7100.1019.xx |
| 3.15 | 250 | 3) | 92 | 520 | 4.7 | ● | ● | ● | | | | 7100.1020.xx |
| 4 | 250 | 3) | 90 | 600 | 25 | ● | ● | ● | | | | 7100.1021.xx |
| 5 | 250 | 3) | 92 | 800 | 32 | ● | ● | ● | | | | 7100.1022.xx |
| 6.3 | 250 | 4) | 93 | 680 | 53 | ● | ● | ● | | | | 7100.1023.xx |
| 8 | 250 | 4) | 65 | 500 | 87 | ● | ● | ● | | | | 7100.1024.xx |
| 10 | 250 | 4) | 63 | 900 | 160 | ● | ● | ● | | | | 7100.1025.xx |
| 0.2 | 250 | 1) | 235 | 85 | 0.1 | ● | ● | | ● | ● | | 7100.1108.xx |
| 0.25 | 250 | 1) | 180 | 80 | 0.2 | ● | ● | | ● | ● | | 7100.1109.xx |
| 0.315 | 250 | 1) | 130 | 70 | 0.3 | ● | ● | | ● | ● | | 7100.1110.xx |
| 0.4 | 250 | 1) | 130 | 90 | 0.49 | ● | ● | | ● | ● | | 7100.1111.xx |
| 0.5 | 250 | 1) | 120 | 110 | 0.53 | ● | ● | | ● | ● | | 7100.1112.xx |
| 0.63 | 250 | 1) | 100 | 115 | 1.13 | ● | ● | | ● | ● | | 7100.1113.xx |
| 0.8 | 250 | 2) | 230 | 330 | 1.5 | ● | ● | | ● | ● | | 7100.1114.xx |
| 1 | 250 | 2) | 155 | 300 | 1.6 | ● | ● | | ● | ● | | 7100.1115.xx |
| 1.25 | 250 | 2) | 120 | 270 | 3 | ● | ● | | ● | ● | | 7100.1116.xx |
| 1.6 | 250 | 2) | 120 | 375 | 4.9 | ● | ● | | ● | ● | | 7100.1117.xx |
| 2 | 250 | 2) | 105 | 400 | 7 | ● | ● | | ● | ● | | 7100.1118.xx |
| 2.5 | 250 | 3) | 95 | 420 | 7.3 | ● | ● | | ● | ● | | 7100.1119.xx |
| 3.15 | 250 | 3) | 92 | 520 | 4.7 | ● | ● | | ● | ● | | 7100.1120.xx |
| 4 | 250 | 3) | 90 | 600 | 25 | ● | ● | | ● | ● | | 7100.1121.xx |
| 5 | 250 | 3) | 92 | 800 | 32 | ● | ● | | ● | ● | | 7100.1122.xx |
| 6.3 | 250 | 4) | 93 | 680 | 53 | ● | ● | | ● | ● | | 7100.1123.xx |
| 8 | 250 | 4) | 65 | 500 | 87 | ● | ● | | ● | ● | | 7100.1124.xx |
| 10 | 250 | 4) | 63 | 900 | 160 | ● | ● | | ● | ● | | 7100.1125.xx |

1) UL : 35 A @ 250 VAC/DC / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8

2) UL: 50 A @ 250 VAC/DC / 10 kA @ 125 VAC, p.f. = 0.7 - 0.8

3) UL: 50 A @ 250 VAC, p.f. ≥ 0.95

4) UL: 63 A @ 250 VAC, p.f. ≥ 0.95

Packaging Unit

.xx = .13 / S = Short Terminals Plastic Bag (100 pcs.)

.xx = .13 / L = Long Terminals Plastic Bag (100 pcs.)

.xx = .95 / T = Reeled Taped 36 cm Reel (500 pcs.)

.xx = .96 / T = Reeled Taped 36 cm Reel (1000 pcs.)

Time-Current Curves

