

Shock-Safe Fuseholder, 5 x 20 mm, horizontal, Slot/Fingergrip, SMD, IEC 60335-1



## Fingergrip

250 VAC · 2.5 W/10 A (VDE) · 400 VAC · 16 A (UL/CSA)



### Description

- Surface Mount Device
- Glow wire tests acc. to IEC 60695-2-12 and -13
- Cap is available slotted or fingergrip

## Standards

- IEC 60127-6
- UL 4248-1 / UL 512
- CSA C22.2 no. 39

## Approvals

- Approvals**
- VDE Certificate Number: 129098
  - UL File Number: E39328

## Applications

- Industrial electronic
- Household appliances
- Medical equipment

## References

### Packaging Details

## Weblinks

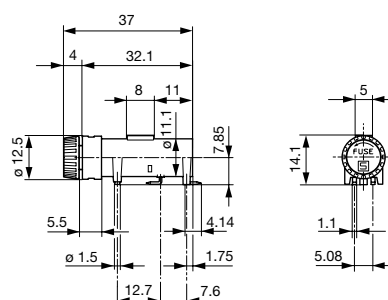
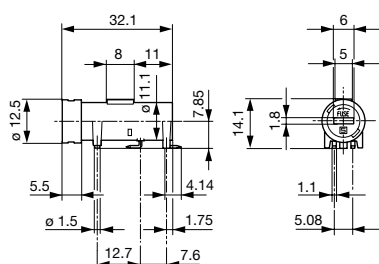
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, Detailed request for product

## Technical Data

|                              |                                                                                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shock-Safe Category          | PC2                                                                                                                                                   |
| Fuse-Link                    | 5 x 20 mm                                                                                                                                             |
| Mounting                     | PCB                                                                                                                                                   |
| Terminal                     | Solder SMT                                                                                                                                            |
| Rated Voltage                | 250VAC , 400VAC (UL/CSA)                                                                                                                              |
| Rated current                | 10A (VDE), 16A (UL/CSA)                                                                                                                               |
| Rated Power Acceptance IEC   | 2.5W / 10A @ Ta 23 °C<br>Admissible power acceptance at higher ambient temperature see derating curves                                                |
| Degree of Protection         | IP 40                                                                                                                                                 |
| Protection Class             | Suitable for appliances with protection class I or II acc. to IEC 61140                                                                               |
| Admissible Ambient Air Temp. | -40 °C to 85 °C                                                                                                                                       |
| Climatic Category            | 40/085/21 acc. to IEC 60068-1                                                                                                                         |
| Material: Socket             | Thermoplastic, black, UL 94V-0                                                                                                                        |
| Material: Terminals          | Tin-Plated Copper Alloy                                                                                                                               |
| Unit Weight (Socket/Cap)     | 4.4 g                                                                                                                                                 |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                                                                                          |
| Product Marking              |  , Type, Dielectric strength, Power Acc./Current Rating, Approvals |

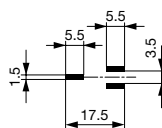
|                              |                                              |
|------------------------------|----------------------------------------------|
| Soldering Methods            | Reflow                                       |
| Solderability                | 245°C / 3sec acc. to IEC 60068-2-58, Test Td |
| Resistance to Soldering Heat | 260°C / 10sec acc. to IEC 60068-2-58 Test TD |
| Contact Resistance           | < 5mΩ at 20 mV                               |
| Dielectric Strength          | > 3kV<br>(50Hz; 1 min)                       |
| Impulse Withstand Voltage    | > 2.5kV between L-N                          |
| Insulation Resistance        | > 10MΩ between L-N<br>(500VDC; 1 min)        |
| Overvoltage Category         | I - II acc. to IEC 60664-1                   |
| Pollution Degree             | 1 - 3 acc. to IEC 60664-1                    |
| Resistance to Vibration      | acc. to IEC 60068-2-6, test Fc               |

## Dimensions



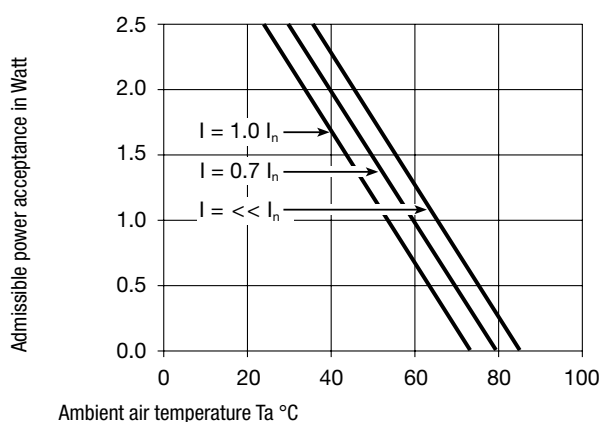
Variant 3101.0070 and 3101.0071

Variant 3101.0075 and 3101.0076



Soldering pads

## Derating Curves



## Variants

| Holder | Cap        | Material            | Reflow Condition                                        | Remark | Order Number |
|--------|------------|---------------------|---------------------------------------------------------|--------|--------------|
| ●      | Slot Knob  | Thermoplastic       | acc. to JEDEC J-STD-020C, Tp=240 +0/-5 °C, tp = 20-40 s | -      | 3101.0070    |
| ●      | Slot Knob  | Spec. Thermoplastic | acc. to JEDEC J-STD-020C, Tp=260 +0/-5 °C, tp = 20-40 s | -      | 3101.0071    |
| ●      | Fingergrip | Thermoplastic       | acc. to JEDEC J-STD-020C, Tp=240 +0/-5 °C, tp = 20-40 s | -      | 3101.0075    |
| ●      | Fingergrip | Spec. Thermoplastic | acc. to JEDEC J-STD-020C, Tp=260 +0/-5 °C, tp = 20-40 s | -      | 3101.0076    |

Spec. thermoplastic meets the new requirements of IEC 60335-1 for appliances in unattended use (clause 30.2.3). This standard includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

|                |              |                                    |
|----------------|--------------|------------------------------------|
| Packaging Unit | xxxx.xxxx    | Bulk 186 x 91 x 91 mm (100 pcs.)   |
|                | xxxx.xxxx.D2 | Blister Tape 38 cm Reel (250 pcs.) |