

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



Slotted cap



Fingergrip

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



Description

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

Standards

- IEC 60127-6
- UL 4248-1
- CSA C22.2 no. 4248.1

Approvals

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

Applications

- Household appliances
- Medical equipment

References

[Packaging Details](#)

Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

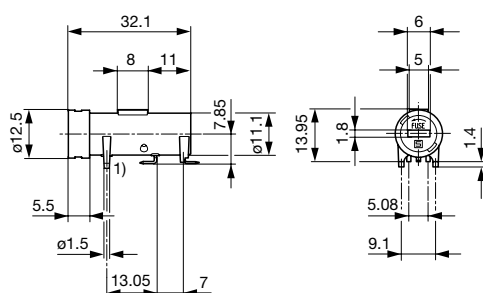
Technical Data

Shock-Safe Category	PC2
Fuse-Link	5 x 20 mm
Mounting	PCB
Terminal	Solder SMT
Rated Voltage	250 VAC , 250 VAC/DC (UL/CSA)
Rated current	10 A (VDE), 16 A (UL/CSA)
Rated Power Acceptance IEC	2.5 W / 10 A @ Ta 23 °C Admissible power acceptance at higher ambient temperature see derating curves
Degree of Protection	IP 40
Protection Class	Suitable for appliances with protection class I 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	4.4 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Rated Voltage, Power Acc./Current Rating, Approvals

Soldering Methods	Reflow (lead-free) Soldering Profile
Solderability	260 °C / max. 30 sec acc. to JEDEC J-STD-020D
Contact Resistance	< 5 mΩ at 20 mV
Dielectric Strength	> 3 kV (50 Hz; 1 min)
Impulse Withstand Voltage	> 2.5 kV between L-N
Insulation Resistance	> 10 MΩ between L-N (500 VDC; 1 min)
Overvoltage Category	I - II acc. to IEC 60664-1
Pollution Degree	1 - 2 acc. to IEC 60664-1
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc

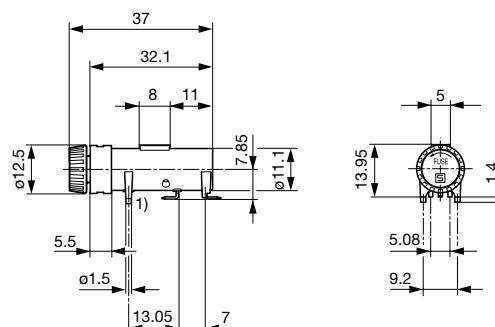
Dimension

32 mm



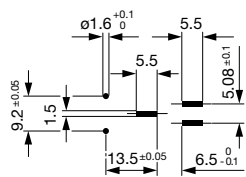
Variant 3101.0071

1) Stabilizing posts



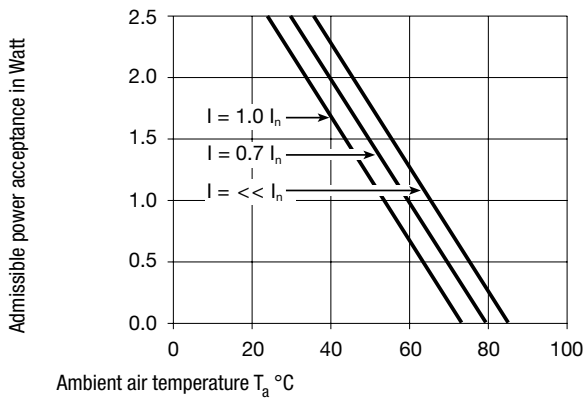
Variant 3101.0076

1) Stabilizing posts



Soldering pads and mounting holes

Derating Curves



All Variants

Holder	Cap	Material	Reflow Condition	Remark	Order Number
●	slotted	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, T _p =260 +0/-5 °C, t _p = max. 30 s	-	3101.0071
●	slotted	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, T _p =260 +0/-5 °C, t _p = max. 30 s	-	3101.0071.
●	Fingergrip	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, T _p =260 +0/-5 °C, t _p = max. 30 s	-	3101.0076
●	Fingergrip	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, T _p =260 +0/-5 °C, t _p = max. 30 s	-	3101.0076.

Availability for all products can be searched real-time:<http://www.schurter.com/Stock-Check/Stock-Check-SCHURTER>

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.)