

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



Slotted cap

Fingerrip

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

See below:
[Approvals and Compliances](#)

Description

- Meets the new requirements of IEC 60335-1 for appliances in unattended use (clause 30.2.3). This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.
- Surface Mount Device with stabilizing Posts
- Cap is available slotted or with fingerrip

Applications

- Household appliances
- Medical equipment


References

[Packaging Details](#)

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Distributor-Stock-Check](#), [Detailed request for product](#), [Microsite](#)

Technical Data

Shock-Safe Category	PC2
Fuse-Link	5 x 20mm
Mounting	PCB
Terminal	Solder SMT
Rated Voltage	250 VAC , 250 VAC/DC (UL/CSA)
Rated current	10A (VDE), 16A (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, Power Acc./Current Rating, Approvals

Soldering Methods	Reflow (lead-free) Soldering Profile
Solderability	260 °C / max. 30sec acc. to JEDEC J-STD-020E
Contact Resistance	≤ 10 mΩ at 20 mV acc. to IEC 60127-6
Dielectric Strength	> 3kV (50Hz; 1 min)
Impulse Withstand Voltage	> 2.5kV between L-N
Insulation Resistance	> 10 MΩ between L-N (500 VDC; 1 min)
Overvoltage Category	II acc. to IEC 60664-1
Pollution Degree	2 acc. to IEC 60664-1
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc



Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

Approvals




The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: FPG7

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40044101
	UL Approvals	UL	UL File Number: E39328



Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
	Designed according to	UL 4248-1	Fuseholder general requirements
	Designed according to	CSA C22.2 no. 4248.1	Fuseholder general requirements






Application standards

Application standards where the product can be used

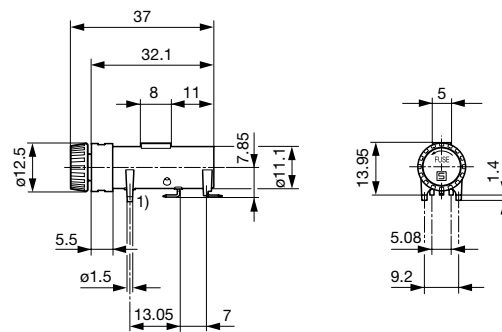
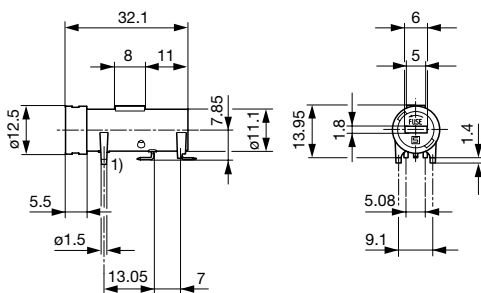
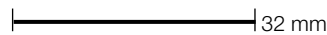
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Compliances

The product complies with following Guide Lines

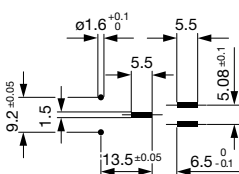
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.
	White paper Glow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Dimension [mm]



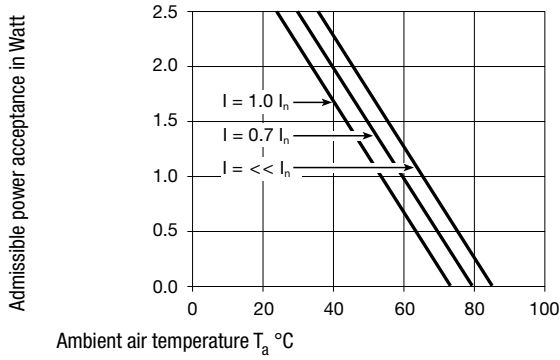
Variant 3101.0071
 1) Stabilizing posts

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, $T_p=260 \pm 5$ °C, $t_p = \max. 30$ s	-	3101.0071
●	slotted	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, $T_p=260 \pm 5$ °C, $t_p = \max. 30$ s	-	3101.0071.D2
●	Fingergrip	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, $T_p=260 \pm 5$ °C, $t_p = \max. 30$ s	-	3101.0076
●	Fingergrip	Spec. Thermoplastic	acc. to JEDEC J-STD-020D, $T_p=260 \pm 5$ °C, $t_p = \max. 30$ s	-	3101.0076.D2

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

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