

## PCB Mount Fuseholders



### DESCRIPTION

A vertical PCB mount fuseholder with bayonet release for 5x20mm fuses.

### DISTINCTIVE FEATURES

- Vertical mounting
- Bayonet release
- Protected to IP40
- \* UL and VDE approved

### APPLICATIONS

These R-TECH fuseholders are used to integrate a 5 x 20mm fuse safely within an electric circuit. They are ideal where a PCB mounted fuse needs to be completely enclosed and are suited to professional and hobbyist applications.

5 x  
20mm

PCB

IP40

10A

VDE

UL



## ELECTRICAL SPECIFICATION

Shocksafe Category	PC2 to IEC 60127-6
Rated Voltage	250VAC
Rated Current (UL)	20A
Rated Current (VDE)	10A
Rated Power	2.5W/10A @ Ta 23°C Admissible power at higher ambient temperature, see derating curves
IEC Acceptance (See derating curves)	See graph
Protection Class	Class 1 or 2 acc. to IEC 61140
Contact Resistance	< 5mΩ at 20 mV
Dielectric Strength (Between L-N)	> 3kV (50Hz; 1 min)
Dielectric Strength (Between L/N-PE)	> 4kV (50Hz; 1 min)
Insulation Resistance (Between L-N)	> 10MΩ (500VDC; 1 min)
Insulation Resistance (Between L/N-PE)	> 100MΩ (500VDC; 1 min)
Overvoltage Category	I - III acc. to IEC 60664-1
Impulse Withstand Voltage (Between L-N)	> 4kV
Impulse Withstand Voltage (Between L/N-PE)	> 6kV



## GENERAL SPECIFICATION

Series	Fuseholders
Type	PCB mounting vertical bayonet release
Fuse Cap Fitting Type	Screw release
Compatible Fuse Size (Diameter x Length)	5 x 20mm
Mounting Type	PCB mount
Mounting Method	Solder pins
Product Marking	Type, voltage, current, approvals



## MATERIALS

Base/ Body	Thermoplastic UL94-V0
Terminals	Tin-plated copper alloy
Cap	Thermoplastic UL94-V0
Base Colour	Black
Cap Colour	Black



## ENVIRONMENTAL/OPERATING SPECIFICATION

Flame Retardancy	UL94-V0
IP Rating	IP40
Operating Temperature	-40°C to 85°C
Storage Temperature	0°C to 60°C
Storage RH	Max. 70% r.h
Pollution Degree	1 - 3 acc. to IEC 60664-1
Climatic Category	40/085/21 acc. to IEC 60068-1
Soldering Methods	Soldering iron
Solderability	350°C/2sec acc. to IEC 60068-2-20, test ta, method 2
Resistance to Soldering Heat	350°C / 10sec acc. to IEC 60068-2-20, test tb, method 2
RoHS	Yes



## CERTIFICATION AND STANDARDS

Approvals - VDE	Certificate Number 134125
Approvals - UL	Certificate Number E239034
Standards - IEC	IEC 60127-6
	IEC 61140
	IEC 60068-1
	IEC 60664-1
	IEC 60068-2-20
Standards - UL	UL4248-1/UL512
Standards - GB	GB9364.6



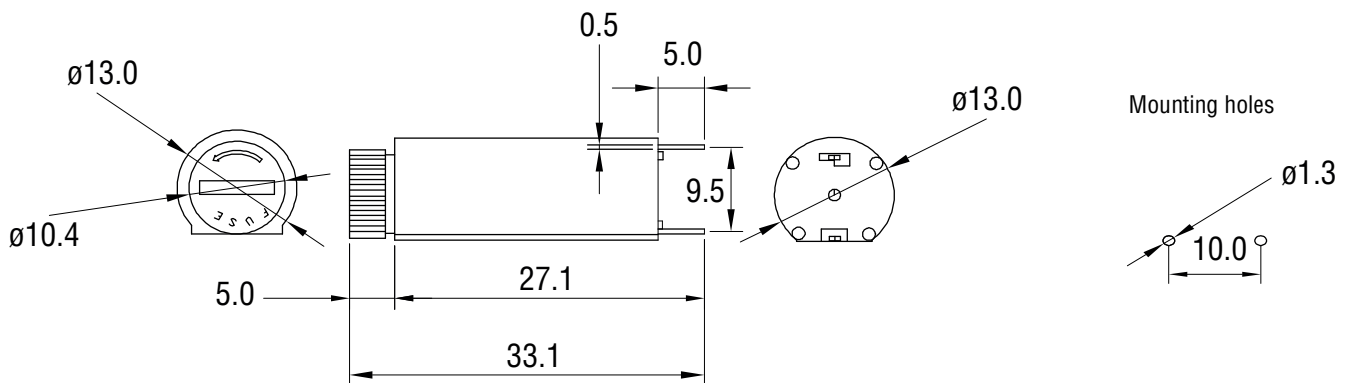
## TERMINALS

Terminal Type	Solder
Terminal Dimension	5 x 1.2 x 0.5mm

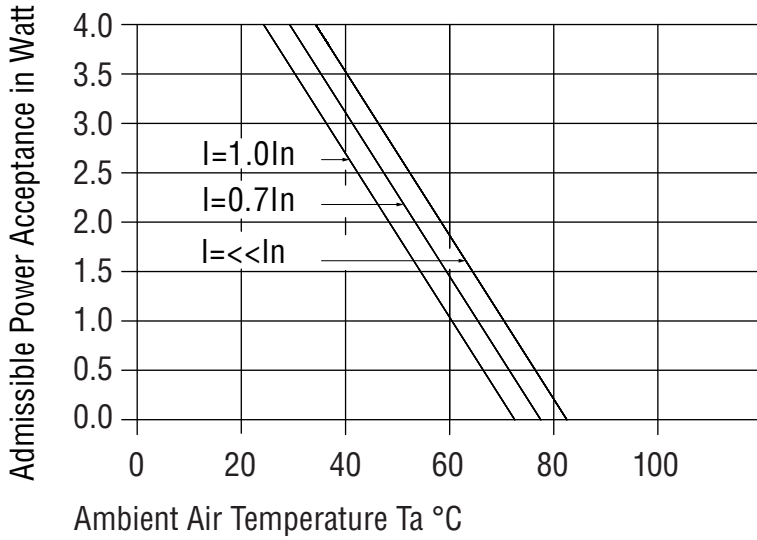


## DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
Dimensions (Summary)	33.1 x 13mm x 12mm
Length	33.1mm
Width	13mm
Height	12mm
Diameter	13mm
Mounting Holes (See drawing)	Pitch 10mm $\phi$ 1.3mm
Unit Weight (Socket/Cap if applicable)	3.21g/2.37g
Max PCB Thickness	3.5mm



## Derating Curves



### OPTIONS (MOQ may apply)

Snap-on head cover



### PART NUMBER TABLE

Part Number Table	UNSPSC	EAN	Country of Origin
52-2821	39121624	5053556006380	China

# R-TECH

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