1.15.106.501/1300



Illuminated pushbutton 9.1 mm, with included LED, momentary contact function, 1 NC + 1 NO, bezel red



fields of application

- > Mechanical and system engineering
- > Model construction
- > Home technology

description

Mounting hole diameter 9.1 mm, max. 24 V / 500 mA, with integrated LED / filament lamp

Recommended values for LED series resistor

> 5 - 7 V = 270 Ohm, 0.25 W

> 12 - 14 V = 680 Ohm, 0.5 W

> 24 - 28 V = 1500 Ohm, 1 W

> LED forward current: max. 10 mA at T = 25° C

> LED forward voltage: 2 V at 10 mA

> LED reverse voltage: 5 V

> LED reverse current: 0.1 mA

> LED power dissipation: max. 120 mW at T = 50° C

Contact assignment: 1-2 = normally closed, 3-4 = normally open, X1-X2 = LED. Observe correct polarity: positive to LED anode, the anode is marked with a colored dot.

technical data

> general

Bezel color red

Property of bezel / mushroom transparent

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names

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Collar shape round

Operating temperature, min. -25 °C

-40 °C Storage temperature, min.

Operating temperature, max. 55 °C Storage temperature, max. 80 °C illuminated Yes Luminous elements LED

soldering, max.

Soldering time for manual

Soldering temperature for manual 350 °C

soldering

Manual soldering Soldering

3 sec

IP40

Packaging Box Packaging unit 10 pcs. net weight 2.3 g

Operating life 200,000 Cycles B10 260,000 Cycles

Degree of protection, front side,

according to DIN EN 60529

MOQ order 10 RoHS compliant Yes **REACH** compliant Yes

> mounting diameters

Mounting hole 9.1 mm Mounting depth 25 mm Installation height 7 mm Outside dimension, width 11 mm

> mechanical data

Actuation function momentary contact function

Operating force, min. 5 N Operating travel, max. 1.5 mm Contact function 1 NC + 1 NO Contact system Bridge contact

Contact material Gold

Fixing Threaded ring Terminal on the rear Solder terminal

Solderability Yes

electrical data

Operating voltage of the luminous 2 V

element, max.

24 V Rated voltage, max. Operating current of the luminous 10 mA

element, max.

Rated current, max. 0.5 A direct links

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