1.15.106.501/1300



Illuminated pushbutton 9.1 mm, with included LED, momentary contact function, 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

illuminated Yes Bezel color red

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Collar shape round

Operating temperature, min. $-25~^{\circ}\text{C}$

Operating temperature, max. 55 °C

Storage temperature, min. -40 °C
Storage temperature, max. 80 °C
Luminous elements LED
Soldering time for manual 3 sec

soldering, max.

Soldering temperature for manual 350 °C

soldering

Soldering Manual soldering

Packaging Box
Packaging unit 10 pcs.
net weight 2.3 g

Operating life 200,000 Cycles

IP40

Degree of protection, front side,

according to DIN EN 60529

RoHS compliant Yes
REACH compliant Yes

> mounting diameters

Mounting hole9.1 mmMounting depth25 mmInstallation height7 mmOutside dimension, width11 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

Lötbarkeit Yes

> electrical data

Operating voltage of the luminous

2 V

element, max.

Operating current of the luminous

10 mA

element, max.

Rated voltage, max. 24 V Rated current, max. 0.5 A direct links

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