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
Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	55 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	80 °C
illuminated	Yes
Luminous elements	LED
Soldering time for manual soldering, max.	3 sec

direct links

- RAFI eCatalog

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Soldering temperature for manual soldering	350 °C
Soldering	Manual soldering
Packaging	Box
Packaging unit	10 pcs.
net weight	2.2 g
Operating life	200,000 cycles
B10	260,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP40
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes

mounting diameters

Outside dimension, width	11 mm
Mounting hole	9.1 mm
Mounting depth	25 mm
Installation height	7 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
Solderability	Yes
Terminal on the rear	Solder terminal

electrical data

Operating voltage of the luminous element, max.	2 V
Rated voltage, max.	24 V
Operating current of the luminous element, max.	10 mA
Rated current, max.	0.5 A

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