Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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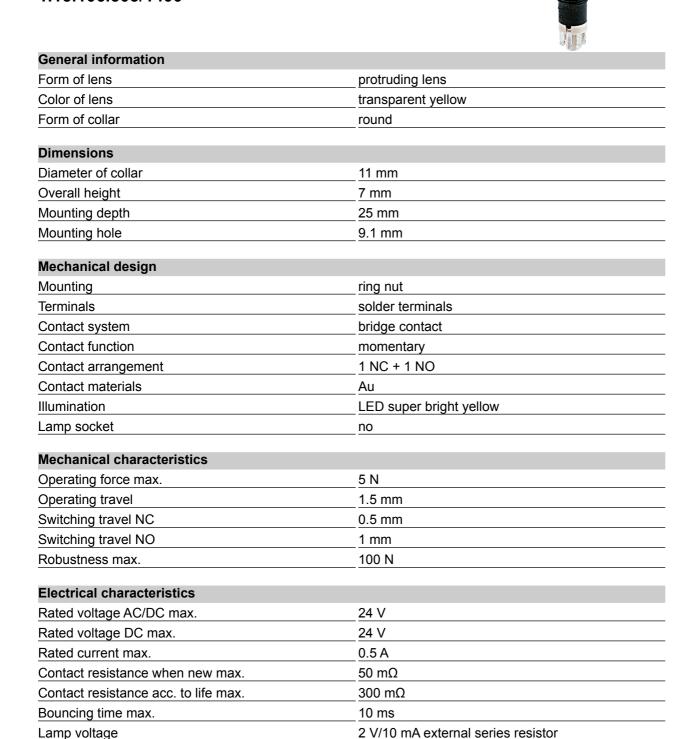
RAFI

Pushbutton illuminated - mounting hole diameter 9.1 mm, with built-in LED, yellow lens
1.15.106.503/1400

General information

Form of lens	protruding lens
Color of lens	transparent yellow
Form of collar	round

Dimensions

Diameter of collar	11 mm
Overall height	7 mm
Mounting depth	25 mm
Mounting hole	9.1 mm

Mechanical design

Mounting	ring nut
Terminals	solder terminals
Contact system	bridge contact
Contact function	momentary
Contact arrangement	1 NC + 1 NO
Contact materials	Au
Illumination	LED super bright yellow
Lamp socket	no

Mechanical characteristics

Operating force max.	5 N
Operating travel	1.5 mm
Switching travel NC	0.5 mm
Switching travel NO	1 mm
Robustness max.	100 N

Electrical characteristics

Rated voltage AC/DC max.	24 V
Rated voltage DC max.	24 V
Rated current max.	0.5 A
Contact resistance when new max.	50 mΩ
Contact resistance acc. to life max.	300 mΩ
Bouncing time max.	10 ms
Lamp voltage	2 V/10 mA external series resistor

Other specifications

Operating life key switch	200,000 cycle
Degree of protection from front side	IP40 (DIN EN 60529)
Operation temperature min.	-25 °C

RAFI

Ambient temp. operating max.	+70 °C, LED +55 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Soldering temperature max.	350 °C
Soldering time max.	3 s
Weight	3 g
LED forward current	max. 10 mA at T = 25 degree
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 degree
LED series resistor 5-7 V	270 Ω, 0,25 W
LED series resistor 12-14 V	680 Ω, 0.5 W
LED series resistor 24-28 V	1500 Ohm, 1 W
ROHS compliant	yes
REACH compliant	yes

Panel cut-out

9,1 + 0,1

4 max.

M 9 x 0,75

9,5 φ   11 φ

8   5

25   7