

RF 15 H, gold, full illumination 1 LED, 2,9^{±0,6} N, lamp white, bezel white, 1 NO



fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Automotive
- > Electro-medical

special features

- ➤ Gold contacts, reliable switching with low currents
- > Full illumination
- > Min. key grid 20 mm
- > Overall height: 12.5 mm
- > Terminal technology: THT

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description

The RF 15 H gold tactile switches have a 15 x 15 mm edge length, reliable gold contacts and a noticeable click. They are used in flat data entry keyboards under overlays or under keycaps, such as RAFI RK 90 keycaps.

Flat data entry keyboards with RF 15 H elements should be constructed in a 20 mm grid. With this grid, strips of glue remain between the individual keys on the front panel. The overlay, which we recommend embossing above the key switches, can be glued onto these strips of glue.

The key switch can be locked with an O-ring (accessory) and used as a signal indicator or placeholder.

technical data

egeneral general		
Bezel color	white	direct links
Luminous element color	white	> RAFI eCatalog
Operating temperature, min.	-25 °C	
Storage temperature, min.	-25 °C	
Operating temperature, max.	70 °C	
Storage temperature, max.	70 °C	
illuminated	Yes	
Luminous elements	Full illumination 1 LED	
Soldering time for manual soldering, max.	5 sec	
Soldering, max. Soldering temperature for manual	350 °C	
soldering		
Soldering temperature for wave	260 °C	
soldering		
Soldering	Manual / wave	

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Solder heat resistance according

to standard

Packaging Tube
Packaging unit 32 pcs.
net weight 2.4 g

Operating life 1,000,000 cycles B10 1,300,000 cycles

DIN EN 60068-2-20

MOQ order 32 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Installation height 12.5 mm
Grid, min. 20 mm
Outside dimension, length 15 mm
Outside dimension, width 15 mm
Outside dimension, height 12.5 mm

> mechanical data

Actuation function momentary contact function

Operating force, max. 100 N
Operating force, min. $2.9^{\pm0.6}$ N
Switching travel $0.5^{\pm0.2}$ mm

Contact function 1 NO

Contact system Snap-action contact

Contact material Gold

Fixing Soldering

Terminal on the rear THT

Solderability Yes

> electrical data

Operating voltage of the luminous 2 V

element, min.

Operating voltage of the luminous 5 V

element, max.

Rated voltage, min. 0.02 V
Rated voltage, max. 35 V
Operating current of the luminous 30 mA

element, max.

Rated current, min.

Rated current, max.

O.1 A

Rated power, max.

2 W

dropping resistor

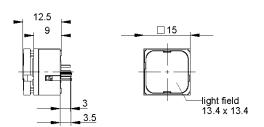
no

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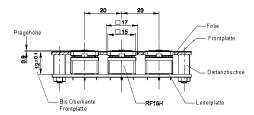


drawings

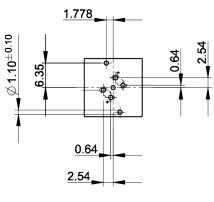
Dimensioned drawing



System drawing



PCB drawing



Button full illumination

front panel drawing

