3.14.200.731/0000



RF 15 H, gold, full illumination 2 LEDs, 2.9 ± 0.6 N, lamp red, bezel red, 1 NO



Description

The RF 15 H gold tactile switches have a 15×15 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.

CE

technical data

>	general	

Bezel color red
Luminous element color red

Operating temperature, min. -25 °C
Operating temperature, max. 70 °C
Storage temperature, min. -25 °C
Storage temperature, max. 70 °C

Luminous elements Full illumination 2 LEDs

Soldering time for manual 5 sec

soldering, max.

Soldering temperature for manual 350 °C

soldering

illuminated

Soldering temperature for wave 260 °C

soldering

Soldering Manual / wave
Solder heat resistance according DIN EN 60068-2-20

to standard

Packaging Tube
Packaging unit 32 pcs.
Net weight 2.1 g

 Operating life
 1,000,000 cycles

 B10
 1,300,000 cycles

Minimum order quantity (MOQ) 32 pcs.
RoHS compliant Yes

direct links

> RAFI eCatalog

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REACH compliant Yes
Country of origin HU

> mounting diameters

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

> mechanical data

Terminal on the rear THT

Fixing Soldering

Actuation function momentary contact function

Operating force, min. $2.9 \pm 0.6 \text{ N}$ Contact function 1 NO

Contact system Snap-action contact

Contact material Gold Solderability Yes

Switching travel 0.5^{+0.3} mm

> electrical data

Operating voltage of the luminous 2 V

element, min.

Operating voltage of the luminous 5

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

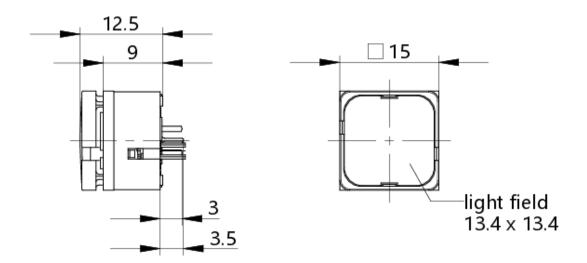
dropping resistor

no

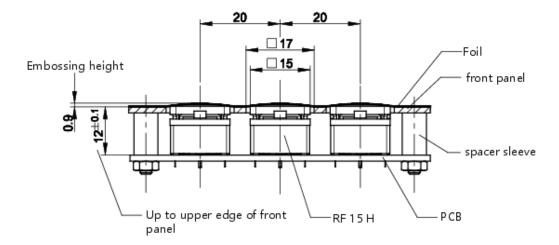


drawings

Dimensioned drawing



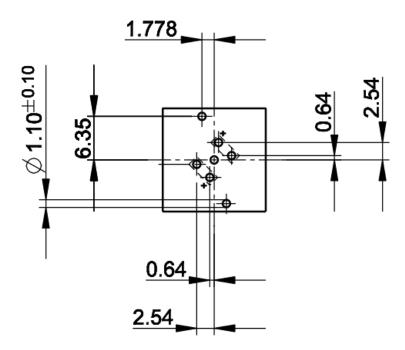
System drawing



3.14.200.731/0000

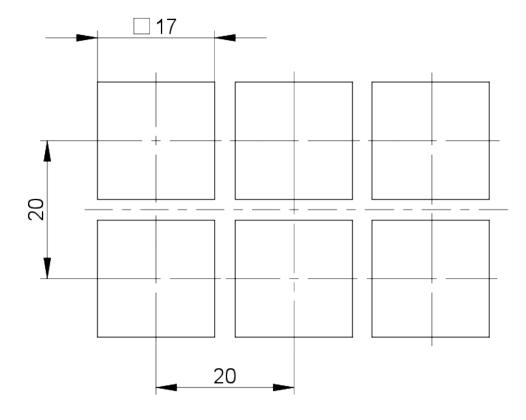


PCB drawing



Button full illumination

front panel drawing



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