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RF 15 R, gold, low, non-illuminated, 2.9 ± 0.6 N, 1 NO



fields of application

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

special features

- > Gold contacts, reliable switching with low currents
- > Optional spot illumination
- > Round plunger / key switch shape
- > Round cut-outs in the front panel
- > Narrow key grid of 15.24 mm possible
- > Overall height: 9.7 mm or 12.5 mm
- > Terminal technology: THT

CE

description

The RF 15 R 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.

The round pressure pad of the RF 15 R requires round cut-outs in the front panel. These enable a narrow keyboard grid of just 15.24 mm with sufficiently large adhesive strips between the individual key switches. The overlay, which we recommend embossing above the key switches, can be glued onto these strips of glue.

technical data

>	general
_	uenerai

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

Storage temperature, max. 70 °C illuminated Yes
Soldering time for manual 5 sec

soldering, max.

Soldering temperature for manual

soldering

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

direct links

> RAFI eCatalog

350 °C

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B10 1,300,000 cycles

MOQ order 32 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length 15 mm
Outside dimension, width 15 mm
Outside dimension, height 9.7 mm
Installation height 9.7 mm
Grid, min. 15.24 mm

> mechanical data

Actuation function momentary contact function

5 V

2 W

Operating force, min. $2.9 \pm 0.6 \text{ N}$ Switching travel $0.5^{+0.2} \text{ mm}$

Contact function 1 NO

Contact system Snap-action contact

Contact material Gold
Fixing Soldering
Solderability Yes
Terminal on the rear THT

> electrical data

Operating voltage of the luminous

element, max.

Rated power, max.

Rated voltage, min.

Rated voltage, max.

Rated current, min.

Rated current, max.

0.02 V

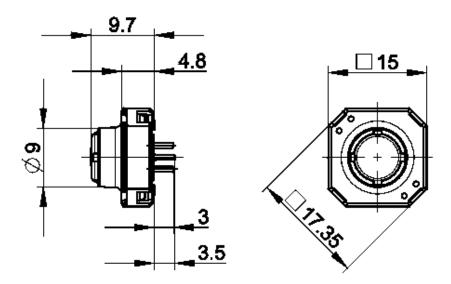
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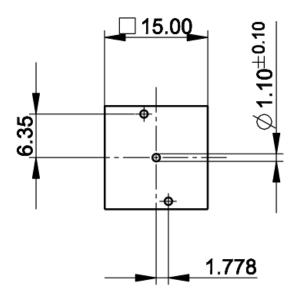


drawings

Dimensioned drawing



PCB drawing

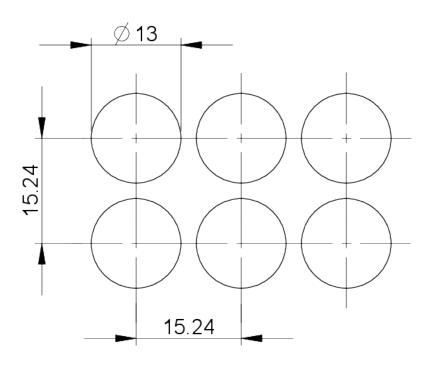


Button not illuminated

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front panel drawing



front panel drawing

