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RF 15, gold, spot illumination, 2.9 ± 0.6 N, lamp blue, bezel white, 1 NO



Description

The RF 15 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 elements should be constructed in a 19.05 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.

RF 15, mit Gold-Kontakten, Punktausleuchtung mit 1 LED in verschiedenen Farben. Die LED sitzt in der Ecke des Tasters.

CE

technical data

>	general	

Bezel color white direct links

Luminous element color blue > RAFI eCatalog

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

Luminous elements Spot illumination 1 LED

Soldering time for manual 5 sec

soldering, max.

Soldering temperature for manual 350 °C

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 g

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

Minimum order quantity (MOQ) 32 pcs.

RoHS compliant Yes

REACH compliant Yes

Country of origin HU

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> mounting diameters

Outside dimension, length

Outside dimension, width

Outside dimension, height

Installation height

Grid, min.

15 mm

9.7 mm

9.7 mm

19.05 mm

> mechanical data

Terminal on the rear THT

Fixing Soldering

Actuation function momentary contact function

2.7 V

5 V

Operating force, max. 100 N

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

element, min.

Operating voltage of the luminous

element, max.

Rated voltage, min. 0.02 V
Rated voltage, max. 35 V
Operating current of the luminous 20 mA

element, max.

Rated current, min.

Rated current, max.

O.1 A

Rated power, max.

2 W

dropping resistor

no

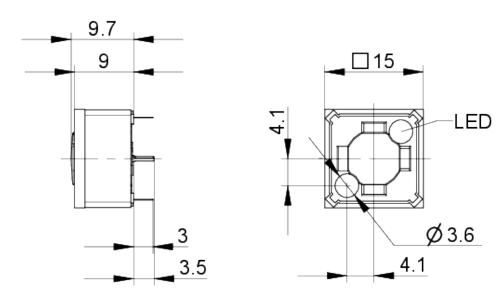
The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

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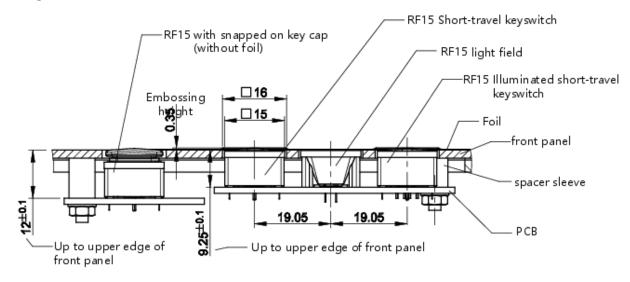


drawings

Dimensioned drawing

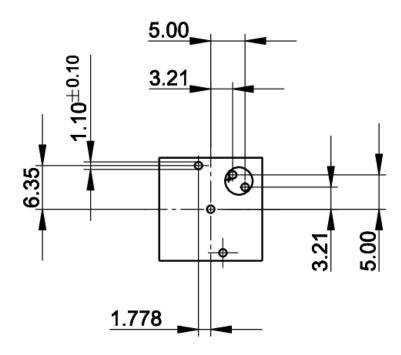


System drawing



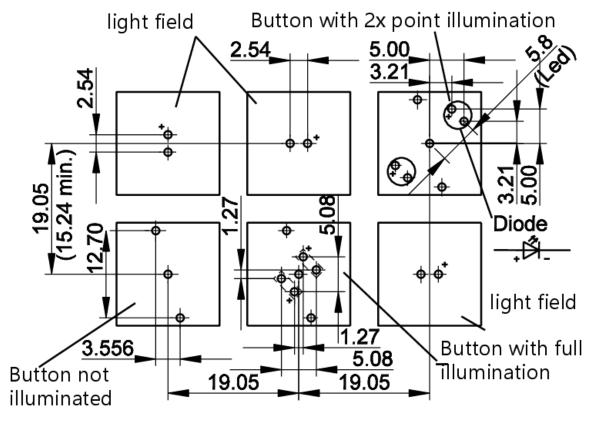


PCB drawing



Button with 1x point illumination

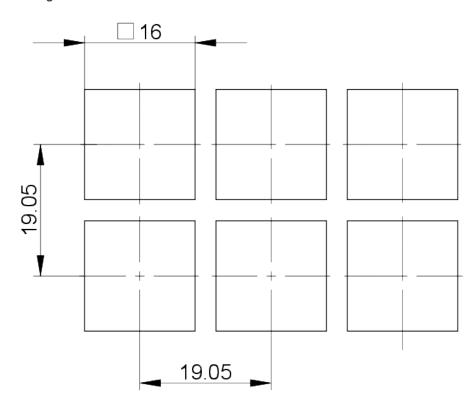
PCB drawing



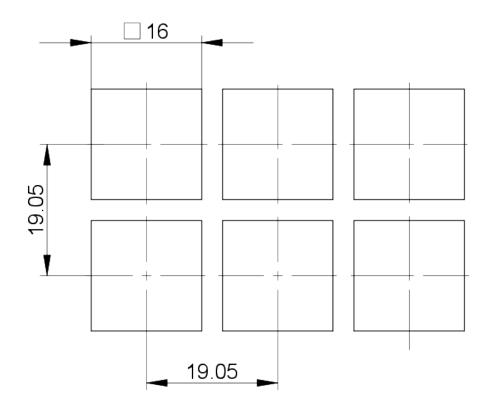
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front panel drawing



front panel drawing



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