

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



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.

CE

technical data

> general

/	general	
	Bezel color	green
	Luminous element color	green / yellow
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-25 °C
	Storage temperature, max.	70 °C
	illuminated	Yes
	Luminous elements	Full illumination 2 LEDs
	Soldering time for manual soldering, max.	5 sec
	Soldering temperature for manual soldering	350 °C
	Soldering temperature for wave soldering	260 °C
	Soldering	Manual / wave
	Solder heat resistance according to standard	DIN EN 60068-2-20
	Packaging	Tube
	Packaging unit	25 pcs.
	net weight	2.1 g
	Operating life	1,000,000 cycles
	B10	1,300,000 cycles
	Minimum order quantity (MOQ)	25 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	
	Actuation function	momentary contact function
	Operating force, min.	2.9 ± 0.6 N
	Switching travel	0.5 ^{+0.3} 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	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.	0.00001 A
	Rated current, max.	0.1 A
	Rated power, max.	2 W
	dropping resistor	no

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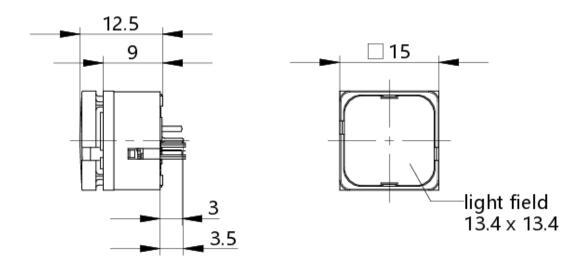
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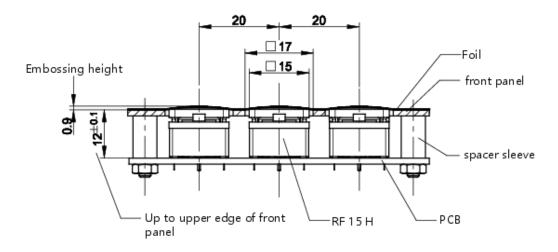


drawings

Dimensioned drawing



System drawing



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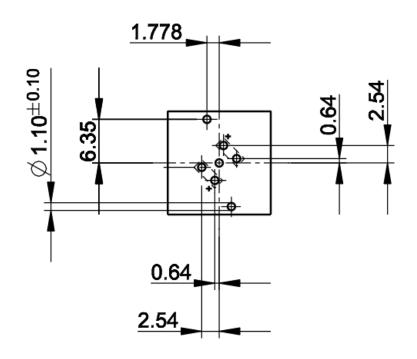
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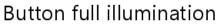
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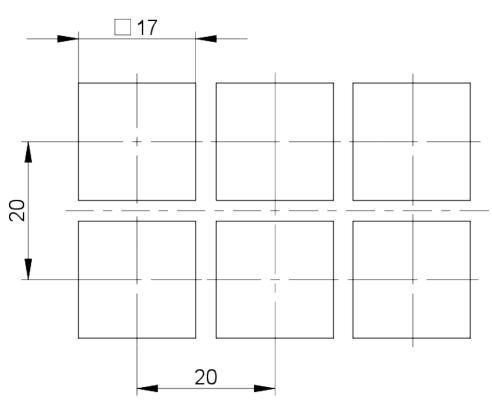


PCB drawing





front panel drawing



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