

RF 15, gold, non-illuminated, 2.9 ± 0.6 N, bezel transparent, 1 NO



Description

The RF 15 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 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.

Wenn Wechselbeschriftungen benötigt werden, oder wenn die Bauhöhe von 12,5 mm erreicht werden soll, kann auf die unbeleuchteten Tasten eine Tastenkappe aufgerastet werden. Die Beschriftung der Tastenkappe wird durch ein Fenster in der Dekorfolie sichtbar. Für einen Beschriftungswechsel kann die Tastenkappe ausgetauscht werden.

CE

technical data

> general

	J	
	Bezel color	transparent
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-25 °C
	Storage temperature, max.	70 °C
	illuminated	No
	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	32 pcs.
	net weight	2.5 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	DE
>	mounting diameters	

direct links

RAFI eCatalog

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Rated current, max.

Rated power, max.





	Outside dimension, length	15 mm
	Outside dimension, width	15 mm
	Outside dimension, height	9.7 mm
	Installation height	9.7 mm
	Grid, min.	19.05 mm
>	mechanical data	
	Actuation function	momentary contact function
	Operating force, max.	100 N
	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	5 V
	element, max.	
	Rated voltage, min.	0.02 V
	Rated voltage, max.	35 V
	Rated current, min.	0.00001 A

0.1 A

2 W

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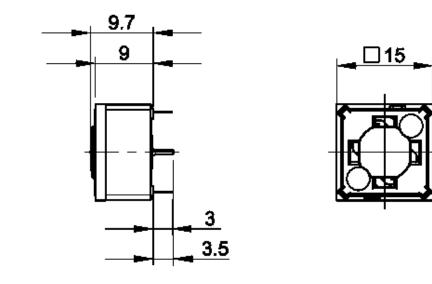
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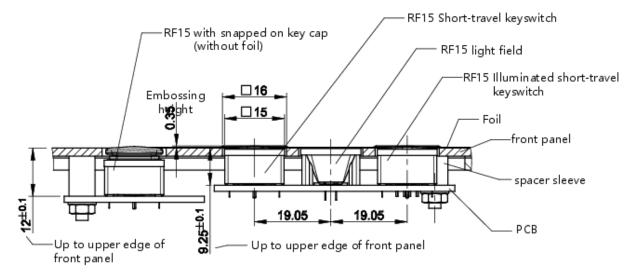


drawings

Dimensioned drawing



System drawing



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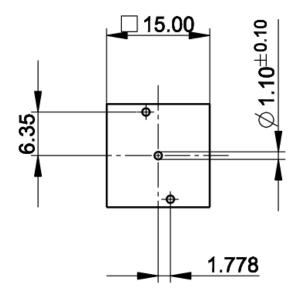
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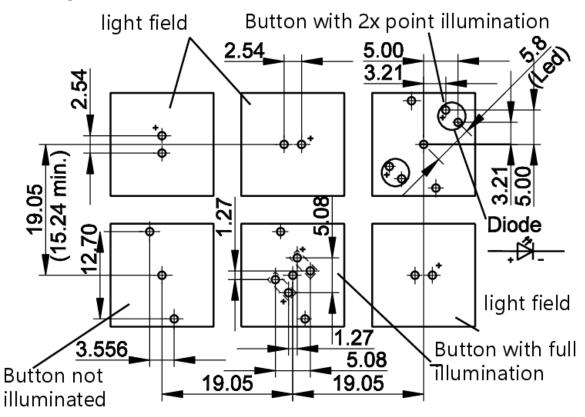


PCB drawing



Button not illuminated

PCB drawing



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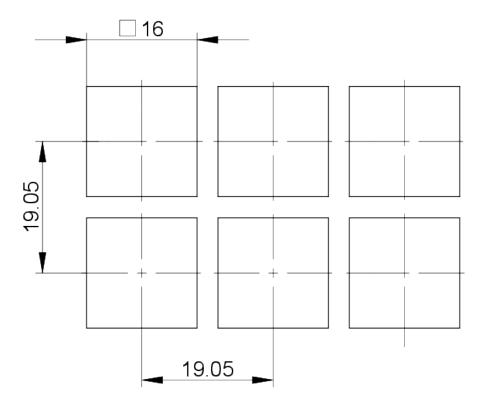
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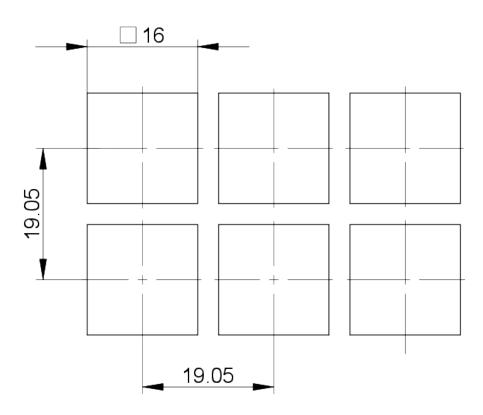
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front panel drawing



front panel drawing



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