

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



fields of application

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

special features

- Silver contacts, reliable switching with medium currents
- > Optional: spot illumination or full illumination
- > Key grid 19.05 mm
- Overall height: 9.7 mm or 12.5 mm with keycap
- > Terminal technology: THT

CE

description

The RF 15 silver tactile switches have a 15 x 15 mm edge length, reliable silver 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.

Kurzhubtaster RF 15 ohne Beleuchtung. 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.

technical data

>	general		
	Bezel color	transparent	direct links
	Operating temperature, min.	-25 °C	> RAFI eCatalog
	Operating temperature, max.	70 °C	
	Storage temperature, min.	-25 °C	
	Storage temperature, max.	70 °C	
	illuminated	No	
	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	

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	Packaging unit	32 pcs.
	net weight	·
	•	2.6 g
	Operating life	1,000,000 cycles
	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.	19.05 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	Silver
	Fixing	Soldering
	Solderability	Yes
	Terminal on the rear	THT
>	electrical data	
	Operating voltage of the luminous	5 V
	element, max.	
	Rated voltage, min.	3 V
	Rated voltage, max.	35 V
	Rated current, min.	0.0001 A
	Rated current, max.	0.25 A
	Rated power, max.	12.5 W

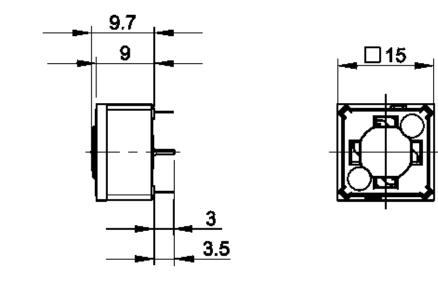
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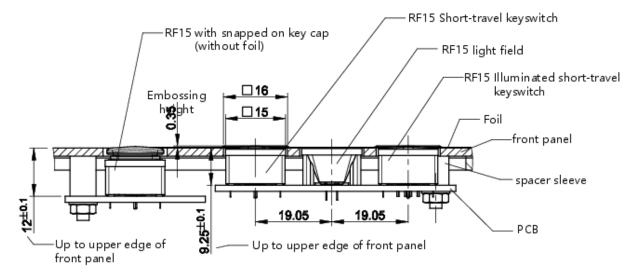


drawings

Dimensioned drawing



System drawing



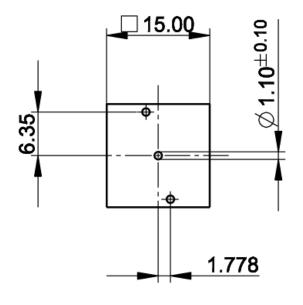
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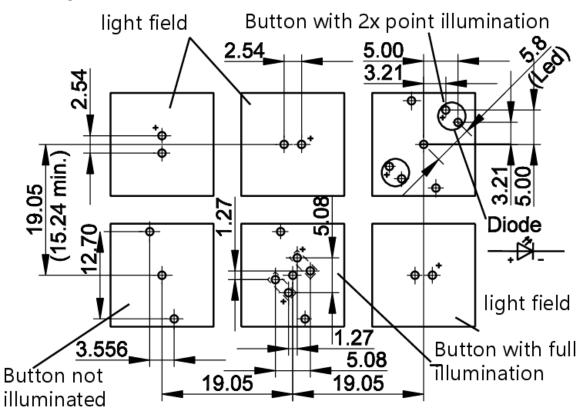


PCB drawing



Button not illuminated

PCB drawing



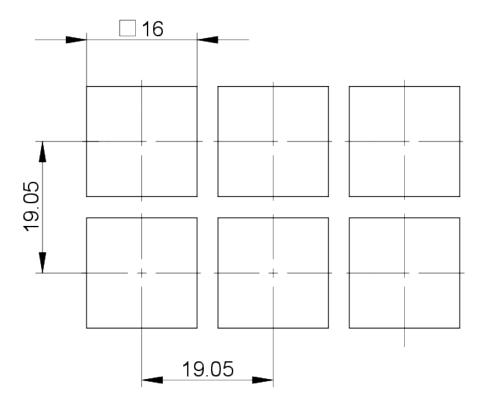
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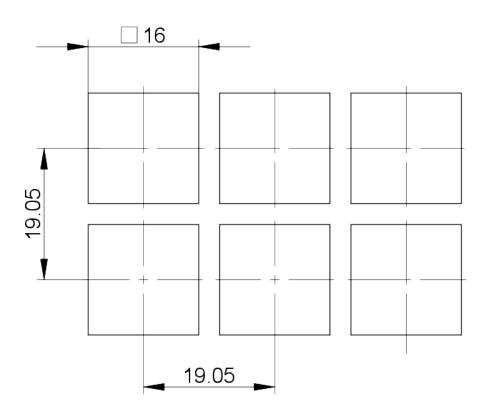
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front panel drawing



front panel drawing



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