

# RF 15, silver, non-illuminated, 2,9<sup>±0,6</sup> 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
	Operating temperature, min.	-25 °C
	Storage temperature, min.	-25 °C
	Operating temperature, max.	70 °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

direct linksRAFI eCatalog

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Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi.de, info@rafi.de technical data sheet

# 3.14.100.006/0000



	Solder heat resistance according	DIN EN 60068-2-20
	to standard	Tube
	Packaging Packaging unit	
		32 pcs.
	Operating life B10	1,000,000 cycles
		1,300,000 cycles
	MOQ order	32 pcs.
	RoHS compliant	Yes
、	REACH compliant	Yes
>	mounting diameters	0.7
	Installation height	9.7 mm
	Grid, min.	19.05 mm
	Outside dimension, length	15 mm
	Outside dimension, width	15 mm
_	Outside dimension, height	9.7 mm
>	mechanical data	
	Actuation function	momentary contact function
	Operating force, max.	100 N
	Operating force, min.	2,9 <sup>±0,6</sup> N
	Switching travel	0,5 <sup>+0,2</sup> mm
	Contact function	1 NO
	Contact system	Snap-action contact
	Contact material	Silver
	Fixing	Soldering
	Terminal on the rear	THT
	Solderability	Yes
>	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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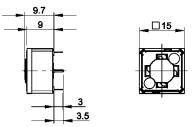
### technical data sheet

## 3.14.100.006/0000

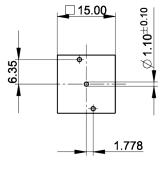


### drawings

### **Dimensioned drawing**

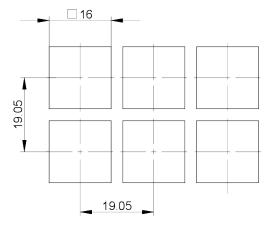


### **PCB drawing**

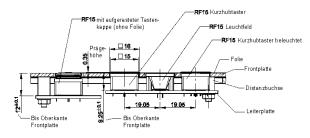


Button not illuminated

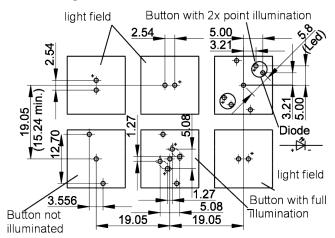
### front panel drawing



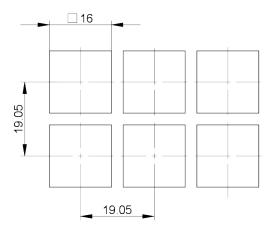
### System drawing



### PCB drawing



### front panel drawing



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