

RF 15 N, silver, non-illuminated, 2,9 $\pm$ 0,6 N, 1 NO



fields of application

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

special features

- Silver contacts, reliable switching with medium currents
- Narrow key grid of 15.24 mm possible
- Low overall height, just 6.2 mm
- Variable overall height due to snap-on plunger
- Optional: spot illumination
- Terminal technology: THT



description

The RF 15N key switch enables a very low overall height of 6.2 mm. The overall height can be varied using the extension plunger, which is snapped into the cross-like recess in the pressure pad.

Up to an overall height of 10 mm (i.e. with or without the small plunger), LEDs can only be positioned on the PCB separately, next to the key switches. From an overall height of 12 mm, a maximum of 2 LEDs can also be plugged into locating indents in the key switch housing. To achieve satisfactory illumination, the LEDs should be placed on LED spacer sleeves from an overall height of 12.5 mm.

technical data

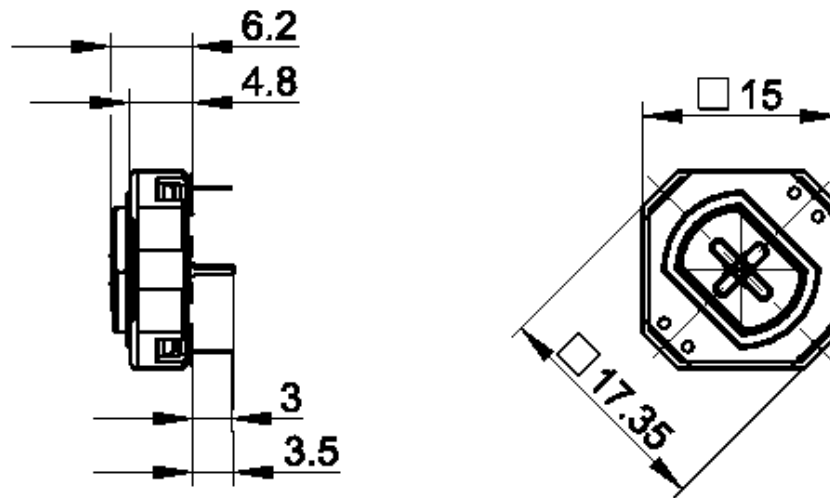
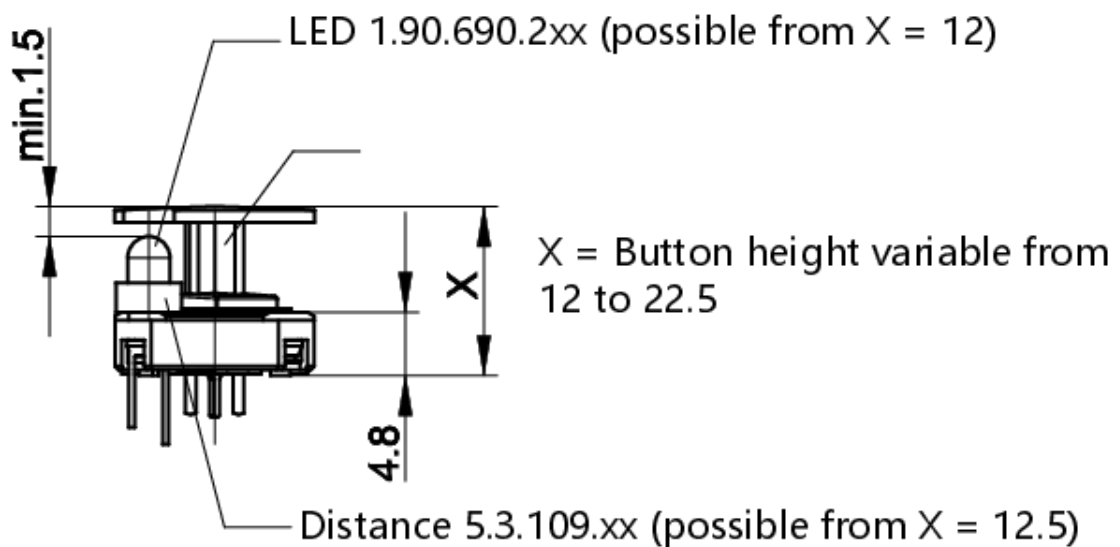
➤ general

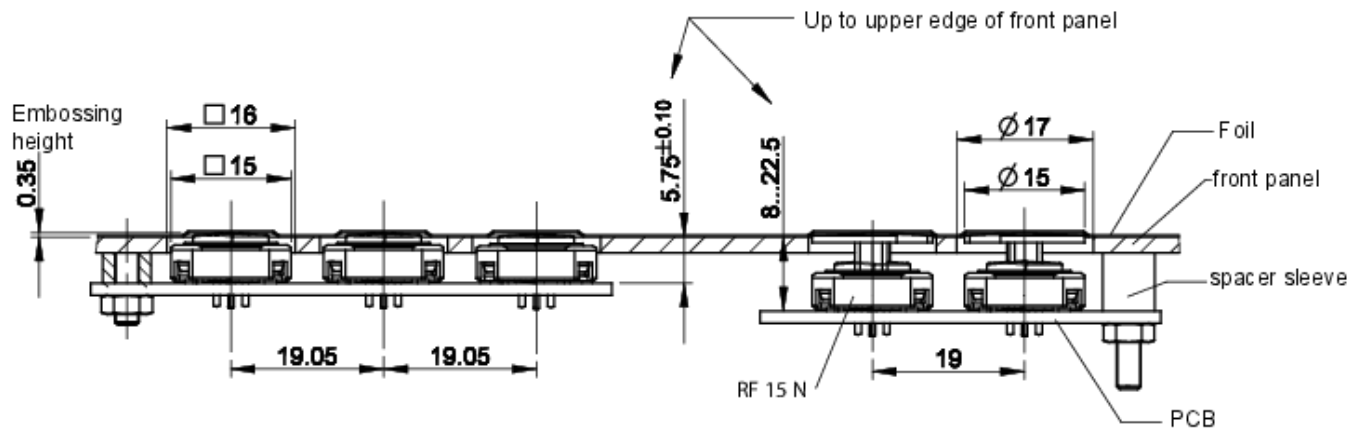
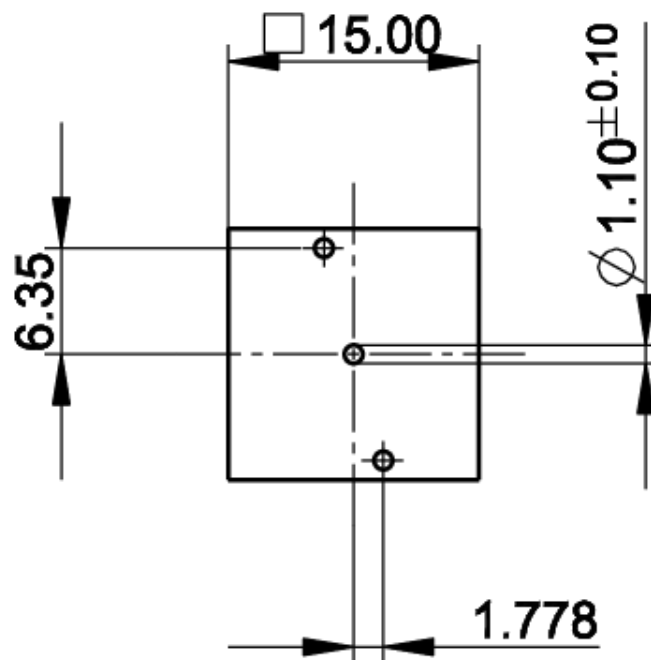
Operating temperature, min.	-25 °C
Storage temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, max.	70 °C
illuminated	No
Soldering time for manual soldering, max.	5 sec
Soldering temperature for manual soldering	350 °C
Soldering temperature for wave soldering	260 °C
Soldering	Manual / wave
Solder heat resistance according to standard	DIN EN 60068-2-20
Packaging	Tube
Packaging unit	25 pcs.
net weight	1.6 g
Operating life	1,000,000 cycles

direct links

- [RAFI eCatalog](#)

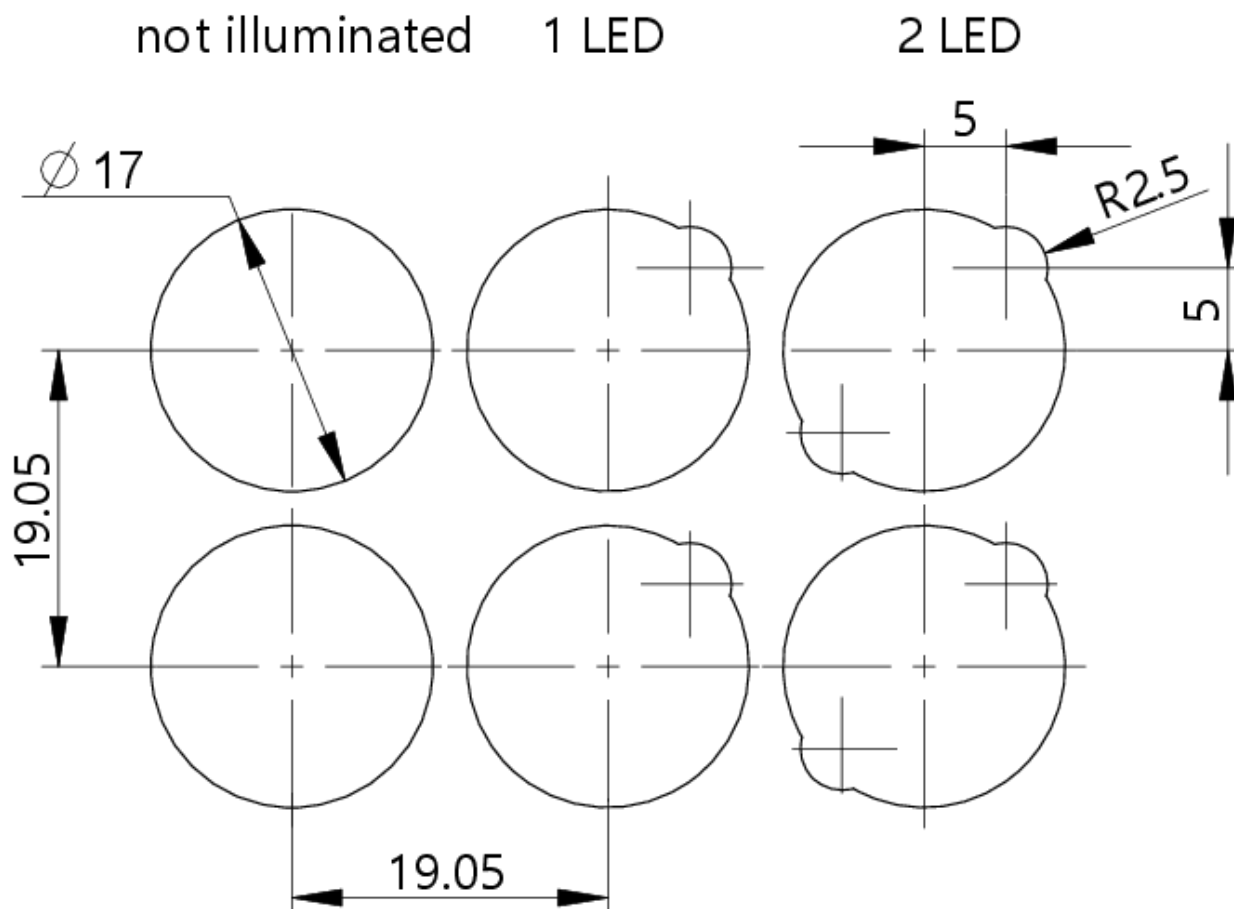
B10	1,300,000 cycles
MOQ order	25 pcs.
RoHS compliant	Yes
REACH compliant	Yes
> mounting diameters	
Installation height	6.2 mm
Grid, min.	19.05 mm
Outside dimension, length	15 mm
Outside dimension, width	15 mm
Outside dimension, height	6.2 mm
> mechanical data	
Actuation function	momentary contact function
Operating force, max.	100 N
Operating force, min.	2,9 $\pm$ 0,6 N
Switching travel	0,5 $\pm$ 0,2 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 element, max.	5 V
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

drawings**Dimensioned drawing****Dimensioned drawing**

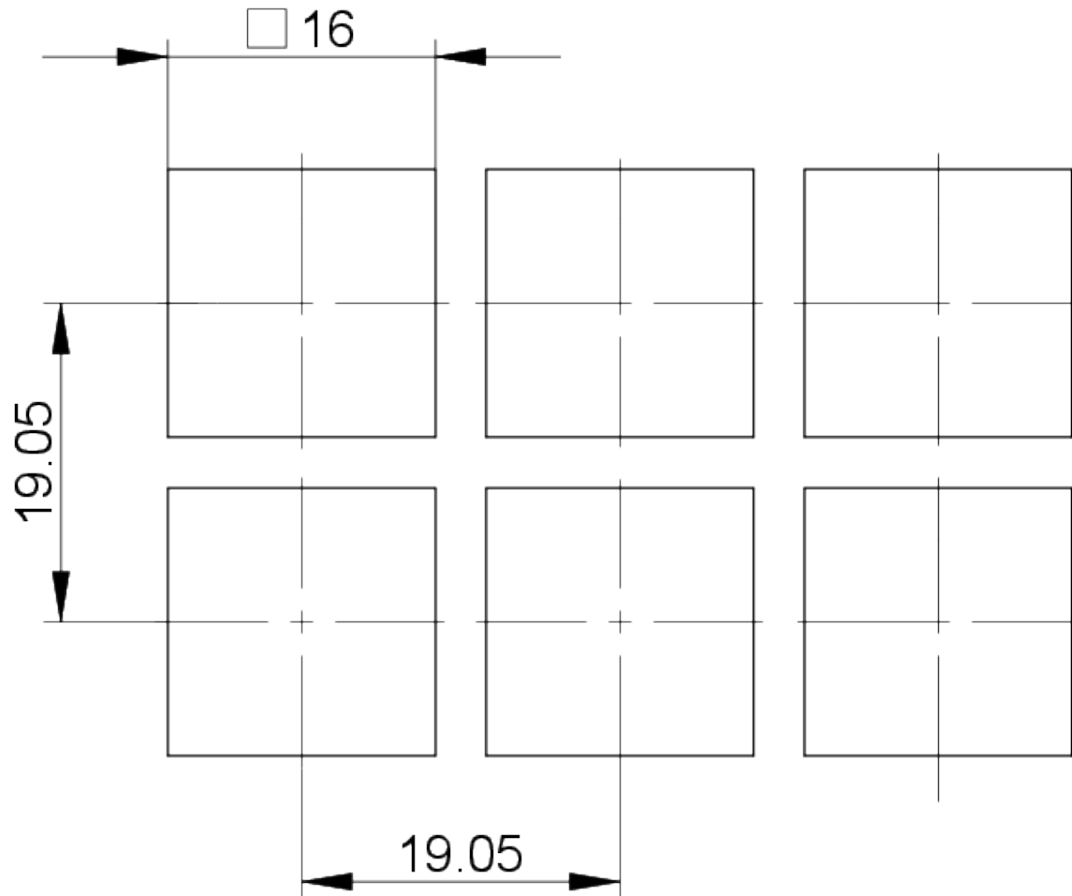
System drawing**PCB drawing**

Button not illuminated

front panel drawing



front panel drawing



front panel drawing