

RF 15 H, gold, non-illuminated, 2,9^{±0,6} N, bezel white, 1 NO



fields of application

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

special features

- › Gold contacts, reliable switching with low currents
- › Full illumination
- › Min. key grid 20 mm
- › Overall height: 12.5 mm
- › Terminal technology: THT



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.

technical data

› general

illuminated	No
Bezel color	white
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	70 °C
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
Packaging	Tube
Packaging unit	32 pcs.
Operating life	1,000,000 Cycles

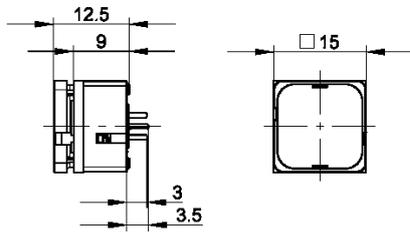
direct links

- › [RAFI eCatalog](#)

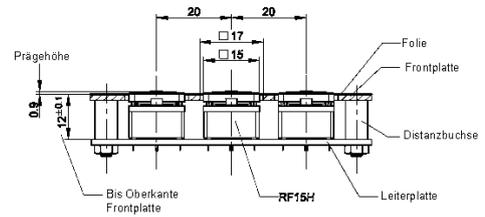
B10	1,300,000 Cycles
RoHS compliant	Yes
REACH compliant	Yes
Solder heat resistance according to standard	DIN EN 60068-2-20
MOQ order	32
> mounting diameters	
Installation height	12.5 mm
Grid, min.	20 mm
Outside dimension, length	15 mm
Outside dimension, width	15 mm
Outside dimension, height	12.5 mm
> 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	Gold
Fixing	Soldering
Terminal on the rear	THT
Solderability	Yes
> electrical data	
Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Rated current, min.	0.00001 A
Rated current, max.	0.1 A
Rated power, max.	2 W

drawings

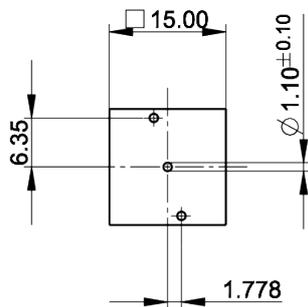
Dimensioned drawing



System drawing



PCB drawing



Button not illuminated

front panel drawing

