

RF 15, silver, non-illuminated, $2,9^{\pm 0,6}$ 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



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

| | |
|--|---------------|
| illuminated | No |
| Bezel color | transparent |
| 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 |

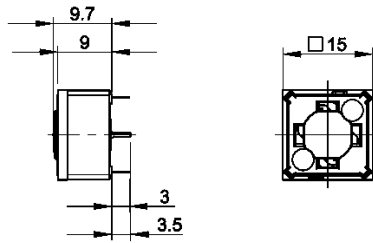
direct links

- › [RAFI eCatalog](#)

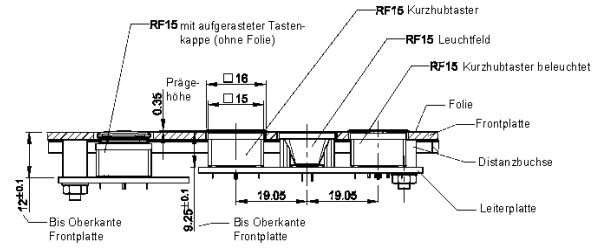
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|--|----------------------------|
| Packaging unit | 32 pcs. |
| standard delivery time | 3 weeks |
| Operating life | 1,000,000 Cycles |
| B10 | 1,300,000 Cycles |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Solder heat resistance according to standard | DIN EN 60068-2-20 |
| MOQ order | 32 |
| > mounting diameters | |
| Installation height | 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 ^{±0,6} N |
| Switching travel | 0,5 ^{+0,2} mm |
| Contact function | 1 NO |
| Contact system | Snap-action contact |
| Contact material | Silver |
| Fixing | Soldering |
| Terminal on the rear | THT |
| Lötbarkeit | Yes |
| > electrical data | |
| 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

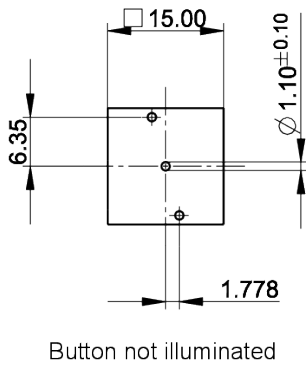
Dimensioned drawing



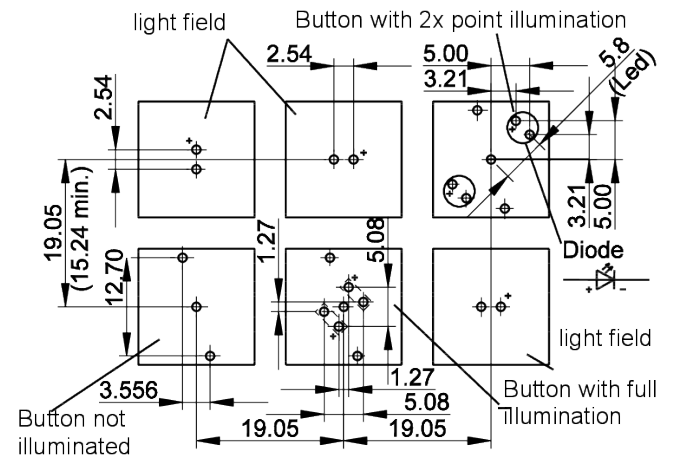
System drawing



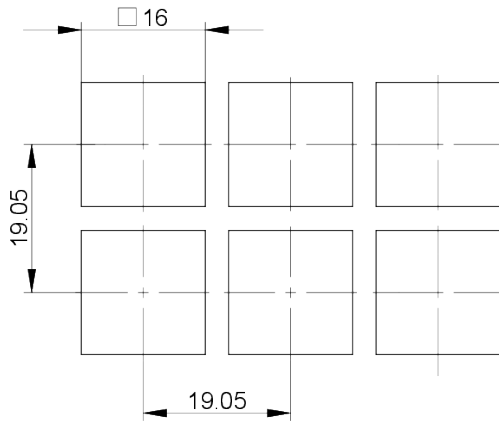
PCB drawing



PCB drawing



front panel drawing



front panel drawing

