

RF 15 R, silver, low, non-illuminated, 2,9^{±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
- > Optional spot illumination
- > Round plunger / key switch shape
- > Round cut-outs in the front panel
- > Narrow key grid of 15.24 mm possible
- > Overall height: 9.7 mm or 12.5 mm
- > Terminal technology: THT

CE

description

The RF 15 R 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.

The round pressure pad of the RF 15 R requires round cut-outs in the front panel. These enable a narrow keyboard grid of just 15.24 mm with sufficiently large adhesive strips between the individual key switches. The overlay, which we recommend embossing above the key switches, can be glued onto these strips of glue.

technical data

>	general	
	illuminated	No
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-25 °C
	Storage temperature, max.	70 °C
	Soldering time for manual	5 sec
	soldering, max.	
	Soldering temperature for manual soldering	350 °C
	Soldering temperature for wave	260 °C
	soldering	
	Soldering	Manual / wave
	Packaging	Tube
	Packaging unit	32 pcs.

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

2.1 g

3 weeks

RAFI GmbH & Co. KG

net weight

standard delivery time

3.14.100.506/0000



Operating life 1,000,000 Cycles B10 1,300,000 Cycles

RoHS compliant Yes **REACH** compliant Yes

Solder heat resistance according

DIN EN 60068-2-20

to standard

MOQ order 32

> mounting diameters

Installation height 9.7 mm Grid, min. 15.24 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 $2.9^{\pm0,6} N$ Operating force, min. Switching travel 0,5^{+0,2} mm

Contact function 1 NO

Snap-action contact Contact system

Contact material Silver Soldering Fixing Terminal on the rear THT Lötbarkeit Yes

electrical data

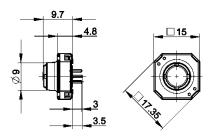
3 V Rated voltage, min. 35 V Rated voltage, max. Rated current, min. 0.0001 A Rated current, max. 0.25 A 12.5 W Rated power, max.

3.14.100.506/0000

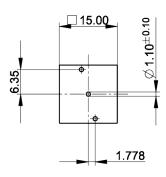


drawings

Dimensioned drawing

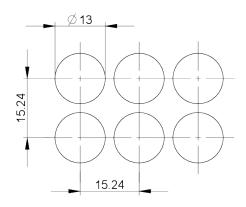


PCB drawing



Button not illuminated

front panel drawing



front panel drawing

