

## RF 19 - Tactile switch, fully illuminated with 2 LED, gold contacts 3.14.002.013/0000



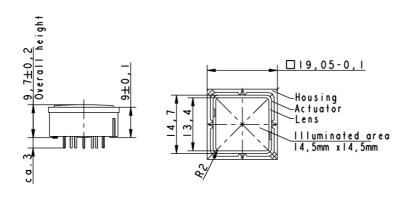
General information	
Color of lens	yellow
Recommended key grid	yenow 23 mm
	23 !!!!!
Dimensions	
Length	19.05 mm
Width	19.05 mm
Overall height	<u>9.7 mm</u>
<b>.</b>	
Mechanical design	
	soldering in PCB
Terminals	<u>THT</u>
Contact system	snap-action contact
Contact arrangement	<u>1 NO</u>
Contact materials	<u>Au</u>
Illumination	fully illuminated 2 LED
LED color	yellow
LED type	<u>2 mm</u>
Mechanical characteristics	
Operating force max.	2.9 <sup>±0.6</sup> N
Switching travel	0.5 <sup>+0.2</sup> mm
Robustness max.	with through-plated PCB 100 N
Electrical characteristics	
Rated voltage min. Rated voltage max.	Au: 0.02 V, Ag: 3 V 35 V
Rated current min.	50 V Au: 0.01 mA, Ag: 0.1 mA
Rated current max.	Au: 0.01 mA, Ag: 0.1 mA Au: 100 mA, Ag: 250 mA
	Au: 2 W, Ag: 12.5 W
Rated power max. (ohmic load) Contact resistance when new max.	Au. 2 W, Ag. 12.5 W 100 mΩ
Insulation resistance	10 <sup>9</sup> Ω
	10 12
Other specifications	
Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	<u>+70 °C</u>
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Operating life min. (operations)	1,000,000 cycle
Solderability / solder heat resistance	according to DIN EN 60068-2-20
Wave soldering	260 °C max.
Manual soldering	350 °C / 5 sec. max.

Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.



ROHS compliant	yes
REACH compliant	yes





Lens yellow

