RF 15 - Tactile switch, 1 LED spot-illumination, gold contacts

3.14.100.031/0000



General information	
Color of lens	transparent
Recommended key grid	19.05 mm

Dimensions	
Length	15 mm
Width	15 mm
Overall height	9.7 mm

Mechanical design	
Mounting	soldering in PCB
Terminals	THT
Contact system	snap-action contact
Contact arrangement	1 NO
Contact materials	Au
Illumination	spot illumination 1 LED
LED color	red
LED type	3 mm

Mechanical characteristics	
Operating force max.	$2.9^{\pm 0.6}$ N
Switching travel	$0.5^{+0.2}$ mm
Robustness max.	with through-plated PCB 100 N

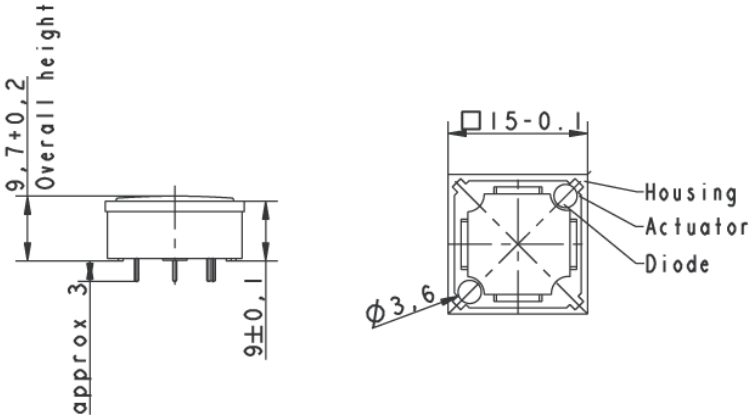
Electrical characteristics	
Rated voltage min.	Au: 0.02 V, Ag: 3 V
Rated voltage max.	35 V
Rated current min.	Au: 0.01 mA, Ag: 0.1 mA
Rated current max.	Au: 100 mA, Ag: 250 mA
Rated power max. (ohmic load)	Au: 2 W, Ag: 12.5 W
Contact resistance when new max.	100 mΩ
Insulation resistance	10^9 Ω

Other specifications	
Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
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 red



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.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

RAFI:

1.15.108.451/0000	1.30.074.501/0304	1.74.508.001/2200	5.00.100.163/0000	1.10.102.001/0104
1.12.000.501/0000	1.30.270.231/2500	1.10.001.151/0104	1.10.011.001/0441	1.15.213.003/0000
1.30.270.001/2307	1.69.508.810/0000	1.11.011.001/0550	1.15.106.503/1400	1.30.070.251/0200
1.30.078.021/0100	3.14.100.041/0000	5.00.100.139/0000	1.10.011.001/0221	1.14.002.106/0000
5.92.025.368/0000	1.10.011.001/0661	3.14.002.062/0000	3.14.200.739/0000	1.15.108.552/0000
1.30.074.121/0301	3.14.200.023/0000	1.65.124.301/1002	5.46.167.042/0209	5.49.233.008/1002