## **RACON 8 - Tactile switch, THT inward**

## 1.14.100.502/0000

For keycaps, refer to RK 90.

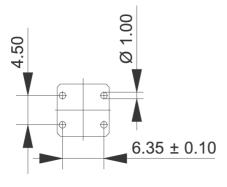


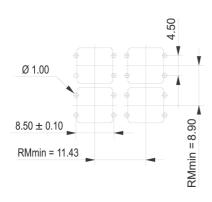
▲ ``

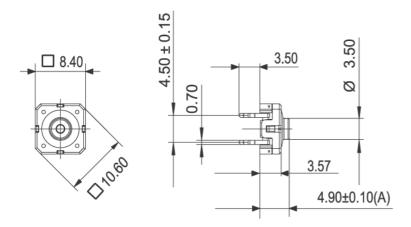
Dimensions	
Length of housing	8.4 mm
Width of housing	8.4 mm
Height of housing	4.90 <sup>±0.1</sup> mm
Machanical design	
Mechanical design	
Mounting	soldering
Terminals	THT inward
Contact system	snap-action contact
Contact arrangement	<u>1 NO</u>
Contact materials	Au
Illumination	no
Mechanical characteristics	
Operating force	3.3 <sup>±0.6</sup> N
Switching travel	0.34 <sup>±0.1</sup> mm
Electrical characteristics	
Rated voltage min.	0.02 V
Rated voltage max.	35 V
Rated current min.	0.01 mA
Rated current max.	100 mA
Rated power max. (ohmic load)	<u>1 W</u>
Contact resistance when new max.	<u>100 mΩ</u>
Insulation resistance	<u>10<sup>9</sup> Ω</u>
Other specifications	
Ambient temp. operating min.	-40 °C
Ambient temp. operating max.	+90 °C
Resistance to environment	DIN EN 60068-2 -14,-30,-33 and -78
Operating life	1,000,000 cycle
Solderability / Solder heat resistance	DIN EN 60068-2-20
Flammability of materials	UL 94 HB
Packing	tubes à 60 pieces
Produkt type	<u>B1</u>
ROHS compliant	yes
REACH compliant	yes

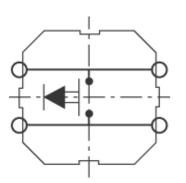


## PCB footprint, view on component side









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.



