

## **RACON 12 - Tactile switch solder terminals for PCB, inward**

## 1.14.001.502/0000

For keycaps, refer to RK 90:

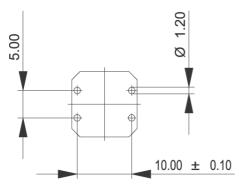


Dimensions	
Length of housing	12 mm
Width of housing	12 mm
Overall height	4,95 <sup>±0,1</sup> mm
Mechanical design	
Mounting	soldering
Terminals	THT inward
Contact system	snap-action contact
Contact arrangement	<u>1 NO</u>
Contact materials	<u>Au</u>
Illumination	no
Mechanical characteristics	
Operating force	3.6 <sup>±0.7</sup> N
Switching travel	0.61 <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)	1 W
Contact resistance when new max.	100 mΩ
Insulation resistance	10 <sup>9</sup> Ω
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 45 pieces
Produkt code	B1
ROHS compliant	yes
REACH compliant	yes

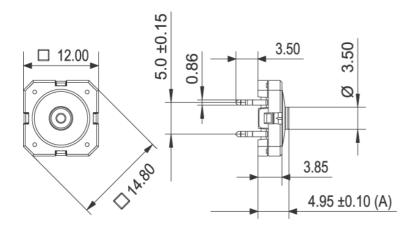
Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.

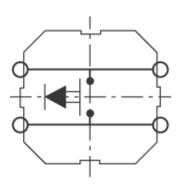


## PCB footprint, view on component side



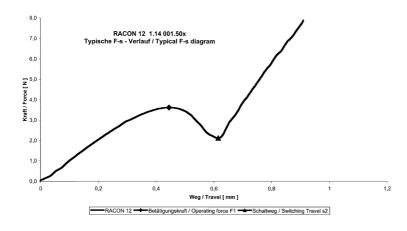


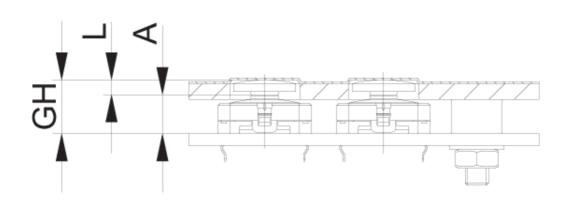




Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.







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.