

RACON 12 - Tactile switch solder terminals for PCB, outward

1.14.001.501/0000

For keycaps, refer to RK 90:

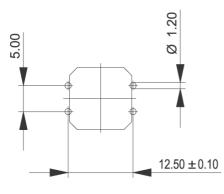


| Dimensions | |
|--|---|
| | 10 mm |
| Length of housing | <u>12 mm</u> |
| Width of housing | <u>12 mm</u> 4,95 ^{±0,1} mm |
| Overall height | 4,95 ^{,*} mm |
| Mechanical design | |
| Mounting | soldering |
| Terminals | THT outward |
| Contact system | snap-action contact |
| Contact arrangement | 1 NO |
| Contact materials | Au |
| Illumination | no |
| Mechanical characteristics | |
| Operating force | 3.6 ^{±0.7} N |
| Switching travel | 0.61 ^{±0.1} 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 ⁹ 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 | A1 |
| ROHS compliant | yes |
| REACH compliant | yes |
| · · · | - |

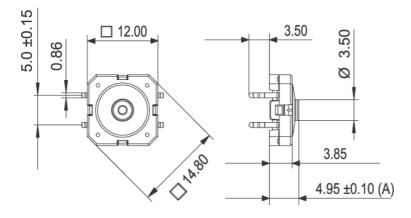
Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.

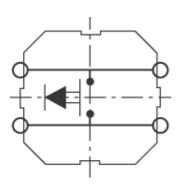


PCB footprint, view on component side



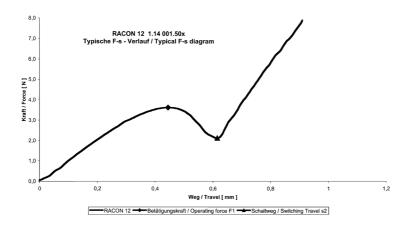


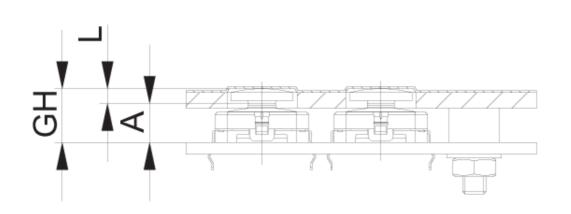




Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.







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.