

RACON 12 - Tactile switch SMT gullwing (Z) terminals

1.14.001.503/0000

For keycaps, refer to RK 90.



| Length of housing 12 mm Width of housing 12 mm Overall height 4,95*0,1 mm Mechanical design Mounting Soldering Terminals Contact system snap-action contact Contact system 1 NO Contact system no Contact materials Au Illumination no Mechanical characteristics Operating force Operating force 3.6*0.7 N Switching travel 0.61*0.1 mm Electrical characteristics Rated voltage min. 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° 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 <th>Dimensions</th> <th></th> | Dimensions | |
|---|--|------------------------------------|
| Overall height 4,95 ^{±0,1} mm Mechanical design Mounting Terminals SMT Gullwing (Z) Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination no Mechanical characteristics Operating force Operating force 3.6 ^{±0.7} N Switching travel 0.61 ^{±0.1} mm Electrical characteristics Rated voltage min. Rated voltage min. 0.02 V Rated voltage max. 35 V Rated current min. 0.01 mA Rated ourrent max. 100 mA Rated power max. (ohmic load) 1 W Contact resistance when new max. 100 mA 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 60068-2-58 Flammabi | Length of housing | 12 mm |
| Mechanical design soldering Terminals SMT Gullwing (Z) Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination no Mechanical characteristics Operating force Switching travel 0.61 ^{±0.1} mm Electrical characteristics Sated voltage min. 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 60068-2-58 Flammability of materials UL 94 HB Packing tape and reel à 750 pieces <td>Width of housing</td> <td>12 mm</td> | Width of housing | 12 mm |
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| Other specifications Ambient temp. operating min. Ambient temp. operating max. Resistance to environment Operating life Solderability / Solder heat resistance Flammability of materials Packing Produkt code ROHS compliant Publications -40 °C +90 °C DIN EN 60068-2 -14,-30,-33 and -78 1,000,000 cycle DIN EN 60068-2-58 UL 94 HB tape and reel à 750 pieces C1 yes | Contact resistance when new max. | 100 mΩ |
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| Packing tape and reel à 750 pieces Produkt code C1 ROHS compliant yes | Solderability / Solder heat resistance | DIN EN 60068-2-58 |
| Produkt code C1 ROHS compliant yes | Flammability of materials | UL 94 HB |
| ROHS compliant yes | Packing | tape and reel à 750 pieces |
| | Produkt code | C1 |
| REACH compliant yes | ROHS compliant | yes |
| | REACH compliant | yes |



PCB footprint, view on component side













