

**RACON 12 - Tactile switch SMT gullwing (Z) terminals****1.14.001.603/0000**

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           | SMT Gullwing (Z)    |
| Contact system      | snap-action contact |
| Contact arrangement | 1 NO                |
| Contact materials   | Au                  |
| Illumination        | no                  |

**Mechanical characteristics**

|                  |                       |
|------------------|-----------------------|
| Operating force  | 2.5 <sup>±0,6</sup> N |
| Switching travel | 0.55 mm               |

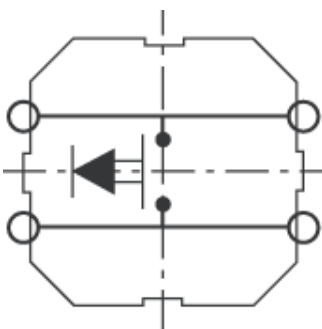
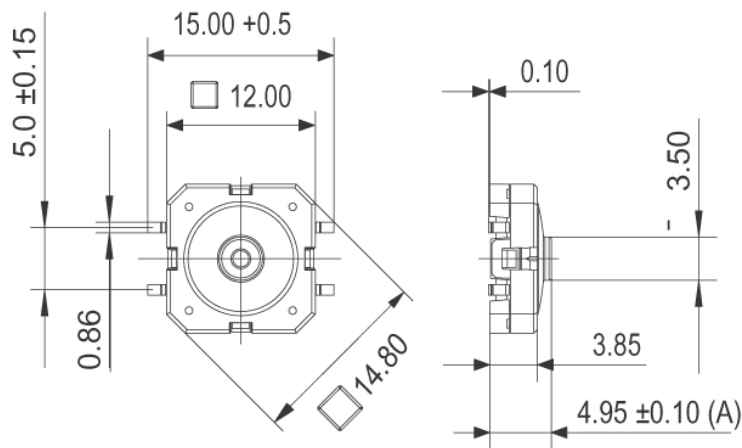
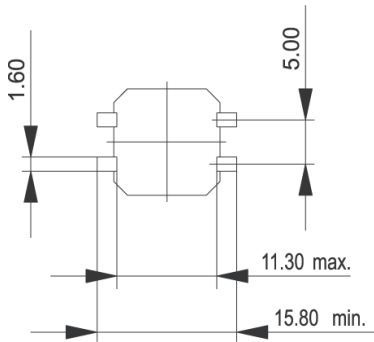
**Electrical characteristics**

|                                  |                   |
|----------------------------------|-------------------|
| 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 60068-2-58                  |
| Flammability of materials              | UL 94 HB                           |
| Packing                                | tape and reel à 750 pieces         |
| Produkt code                           | C2                                 |
| ROHS compliant                         | yes                                |
| REACH compliant                        | yes                                |

PCB footprint, view on component side



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