

## 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 | 1 NO                |
| Contact materials   | Au                  |
| Illumination        | no                  |

### Mechanical characteristics

|                  |                         |
|------------------|-------------------------|
| Operating force  | 3.6 <sup>±0.7</sup> N   |
| Switching travel | 0.61 <sup>±0.1</sup> mm |

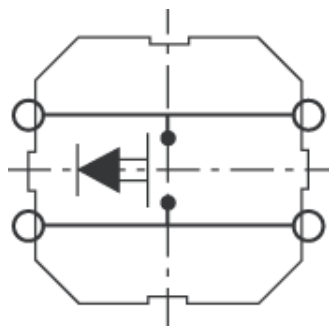
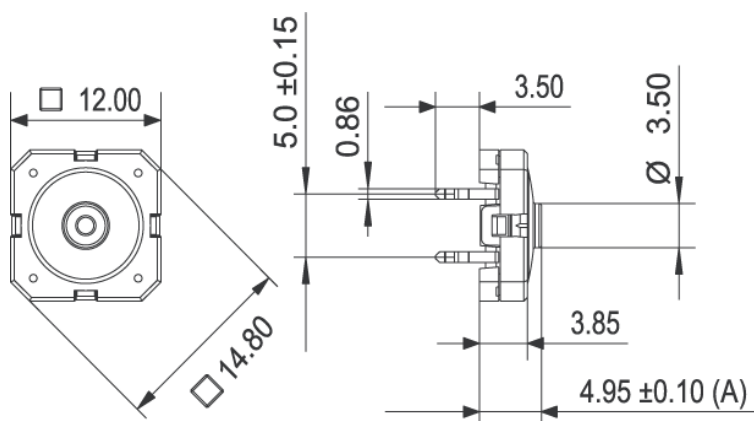
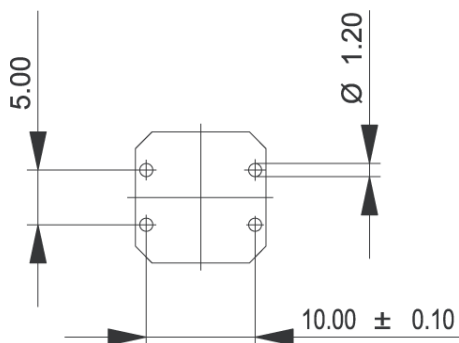
### Electrical characteristics

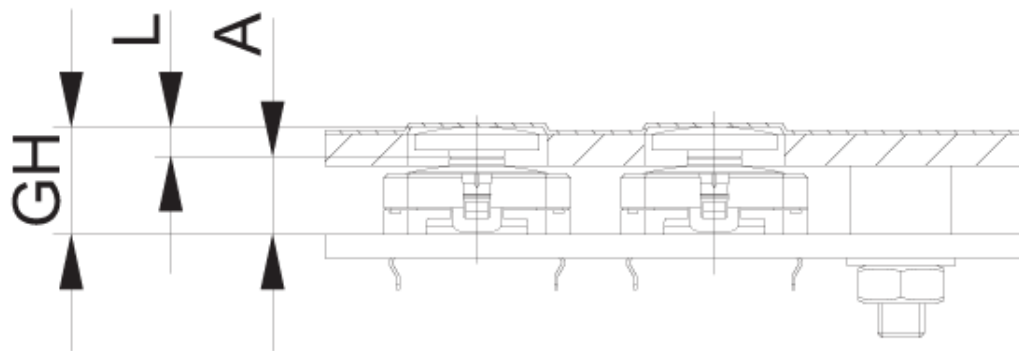
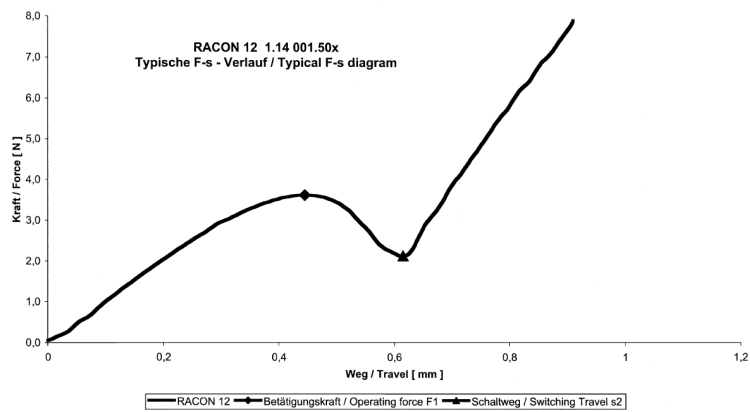
|                                  |                   |
|----------------------------------|-------------------|
| Rated voltage min.               | 0.02 V            |
| Rated voltage max.               | 35 V              |
| Rated current min.               | 0.01 mA           |
| Rated current 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                                |

PCB footprint, view on component side





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