

**RACON 8 - Tactile switch, THT inward****1.14.100.502/0000**

For keycaps, refer to RK 90.

**Dimensions**

Length of housing	8.4 mm
Width of housing	8.4 mm
Height of housing	4.90 <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	3.3 <sup>±0.6</sup> N
Switching travel	0.34 <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 60 pieces
Produkt type	B1
ROHS compliant	yes
REACH compliant	yes

PCB footprint, view on component side



