

RACON 8 - Tactile switch, SMT gullwing (Z) terminals

1.14.100.803/0000

For keycaps, refer to RK 90.



Dimensions

Length of housing	8.4 mm
Width of housing	8.4 mm
Height of housing	5.00 mm

Mechanical design

Mounting	soldering
Terminals	SMT Gullwing (Z) Anschluss
Contact system	snap-action contact
Contact arrangement	1 NO
Contact materials	Au
Illumination	no

Mechanical characteristics

Operating force	6.0 ^{±1.0} N
Switching travel	0.47 ^{±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	50,000 cycle
Solderability / Solder heat resistance	DIN EN 60068-2-58
Flammability of materials	UL 94 HB
Packing	tape and reel à 1000 pieces
Produkt type	C4
ROHS compliant	yes
REACH compliant	yes

PCB footprint, view on component side



