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

1.14.100.503/0000

For keycaps, refer to RK 90.

Dimensions	
Length of housing	8.4 mm
Width of housing	8.4 mm
Height of housing	$4.90^{\pm 0.1}$ 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	$3.3^{\pm 0.6}$ N
Switching travel	$0.34^{\pm 0.1}$ 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	1,000,000 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	C1
ROHS compliant	yes
REACH compliant	yes

PCB footprint, view on component side