

RACON 8, SMD gullwing (Z) terminals

1.14.100.503/0000

For keycaps, refer to RK 90:



Dimensions

Height of housing	4.90 ^{+0.1} mm
Width of housing	8.4 mm
Length of housing	8.4 mm

Electrical characteristics

Contact resistance when new max.	100 mΩ
Insulation resistance	10 ⁹ Ω
Bouncing time max.	5 ms
Rated power max. (ohmic load)	1 W
Rated voltage max.	42 V
Rated voltage min.	0.02 V
Rated current max.	100 mA
Rated current min.	0.01 mA

Mechanical characteristics

Operating force	3.3 ^{+0.6} N
Switching travel	0.34 ^{+0.1} mm

Mechanical design

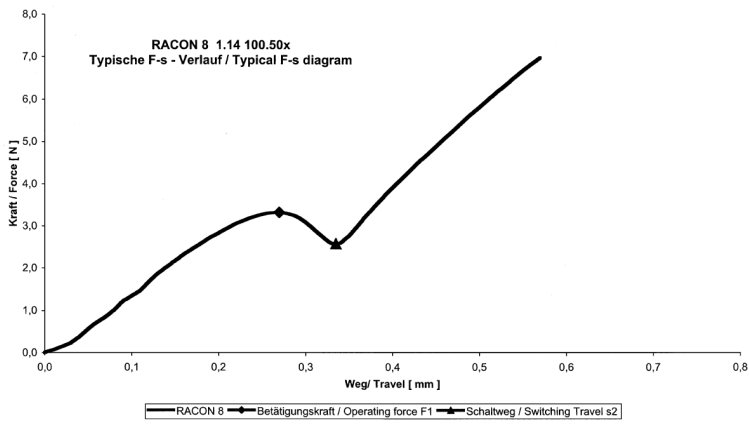
Terminals	SMD Gullwing (Z) terminals
Mounting	soldering
Illumination	no
Contact arrangement	1 NO
Contact system	snap-action contact
Contact materials	Au

Other specifications

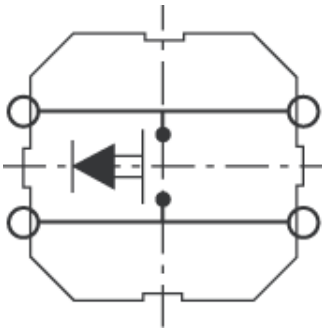
Ambient temp. operating max.	+80 °C
Ambient temp. operating min.	-40 °C
Flammability of materials	UL 94 HB
Resistance to constant environment	according to IEC 600 68-2-3 and 2-30
Operating life at R _T = 23° C and test force = 1,5 x rated force	1000000
Solderability / solder heat resistance PCB version	---
Solderability / solder heat resistance SMD version	according to EN 61760-1, DIN IEC 600-68-2-58
Produkt code	C1
Packing	tape and reel à 1000 piece
Resistance at variable environment	according to IEC 600 68-2-14 and 2-33

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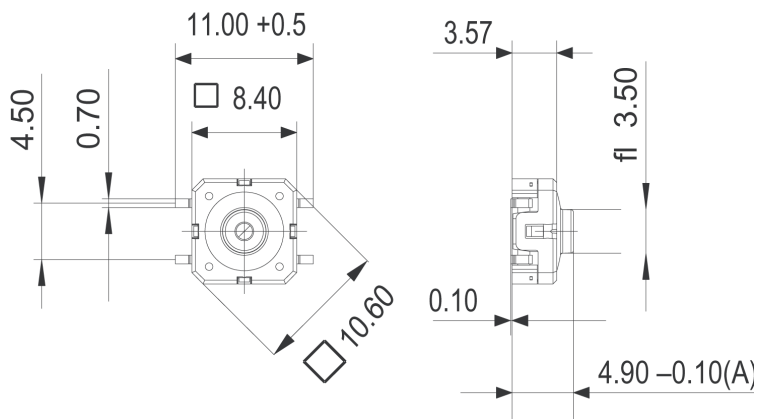
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Circuit diagram



MASS



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PCB

