RACON 8 - Tactile switch, THT inward

1.14.100.502/0000

For keycaps, refer to RK 90.



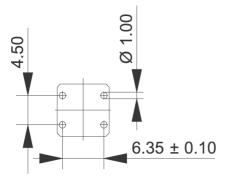
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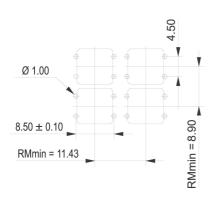
Dimensions	
Length of housing	8.4 mm
Width of housing	8.4 mm
Height of housing	4.90 ^{±0.1} mm
Mechanical design	
Mounting	soldering
Terminals	THT inward
Contact system	snap-action contact
Contact arrangement	<u>1 NO</u>
Contact materials	Au
Illumination	<u>no</u>
Mechanical characteristics	
Operating force	3.3 ^{±0.6} N
Switching travel	0.34 ^{±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	<u>10⁹ Ω</u>
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

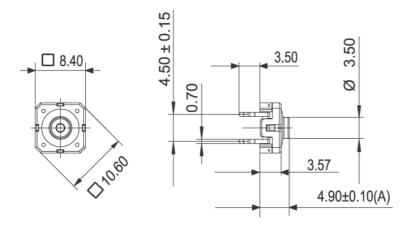
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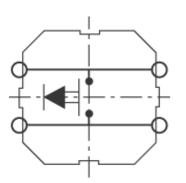


PCB footprint, view on component side









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