

RF 15 N short-travel keyswitch, non-illuminated, gold contacts

3.14.100.601/0000

For keycaps, refer to RK 90 system design.



General information

Colour of lens	---
Recommended key grid	19.05 mm

Dimensions

Overall height	6.2 mm
Width	15 mm
Length	15 mm

Electrical characteristics

Contact resistance acc. to life max.	3 Ω
Contact resistance when new max.	100 m Ω
ESD strength (underneath overlay)	15 kV
Insulation resistance	10 ⁹ Ω
Bouncing time max.	5 ms
Rated power max. (ohmic load)	2 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

Robustness min.	100 with through-plated PCB N
Operating force max.	2 ... 3 N
Operating travel	0,5 ^{+0,2} mm
Switching travel	0,5 ^{+0,2} mm

Mechanical design

Terminals	Au: spring contact tin-plated, fix contact AG-plated
Mounting	soldering in PCB
Illumination	external 3 mm LED possible if height 0\#2202 12 mm
Contact arrangement	1 NO
Contact system	snap-action contact
Contact materials	Au

Other specifications

Ambient temp. operating max.	+70 °C
Ambient temp. operating min.	-25 °C
Flammability of materials	UL 94 HB
Manual soldering	350 °C / 5 sec. max.
Resistance to constant environment	according to IEC 600 68-2-3 and 2-30
Storage temperature max. (product)	+80 °C
Storage temperature max. (in tube)	+50 °C

16.07.2008

Storage temperature min.	-40 °C
Operating life min.	1000000
Solderability	according to E DIN IEC 600 28-2-20
Resistance at variable environment	according to IEC 600 68-2-14 and 2-33
Wave soldering	260 °C max.

MASS

