

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

3.14.100.001/0000

Keycaps.
 Refer to RK 90 system design.



General information

| | |
|----------------------|-------------|
| Colour of lens | transparent |
| Recommended key grid | 19.05 mm |

Dimensions

| | |
|----------------|--------|
| Overall height | 9.7 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. | with through-plated PCB 100 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 | not illuminated |
| Contact arrangement | 1 NO |
| Contact system | snap-action contact |
| Contact materials | Au |
| LED colour | --- |
| LED type | --- |

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 |

