

RF 19 - Tactile switch, fully illuminated with 2 LED, gold contacts

3.14.002.901/0000

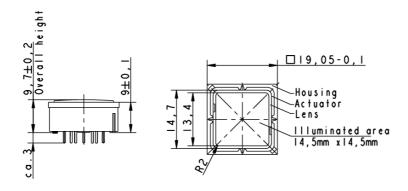


Color of lens Recommended key grid 23 mm Dimensions Length 19.05 mm Width 19.05 mm Overall height 9.7 mm Mechanical design Mounting soldering in PCB Terminals THT Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination LED color LED color LED type 2 mm Mechanical characteristics Operating force max. 2.9 ^{±0.6} N Switching travel Robustness max. with through-plated PCB 100 N	General information	·
Recommended key grid 23 mm Dimensions Length 19.05 mm Width 19.05 mm Overall height 9.7 mm Mechanical design Mounting soldering in PCB Terminals THT Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination fully illuminated 2 LED LED color green LED type 2 mm Mechanical characteristics Operating force max. 2.9*0.6 N Switching travel 0.5*0.2 mm Robustness max. with through-plated PCB 100 N		opaque white
Dimensions Length 19.05 mm Width 19.05 mm Overall height 9.7 mm Mechanical design Mounting soldering in PCB Terminals THT Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination fully illuminated 2 LED LED color green LED type 2 mm Mechanical characteristics Operating force max. 2.9*0.6 N Switching travel 0.5*0.2 mm Robustness max. with through-plated PCB 100 N		
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Overall height 9.7 mm Mechanical design soldering in PCB Terminals THT Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination fully illuminated 2 LED LED color green LED type 2 mm Mechanical characteristics Operating force max. 2.9±0.6 N Switching travel 0.5+0.2 mm Robustness max. with through-plated PCB 100 N	Length	19.05 mm
Mechanical design Mounting soldering in PCB Terminals THT Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination fully illuminated 2 LED LED color green LED type 2 mm Mechanical characteristics Operating force max. 2.9±0.6 N Switching travel 0.5+0.2 mm Robustness max. with through-plated PCB 100 N	Width	19.05 mm
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Mounting soldering in PCB Terminals THT Contact system snap-action contact Contact arrangement 1 NO Contact materials Au Illumination fully illuminated 2 LED LED color green LED type 2 mm Mechanical characteristics Operating force max. 2.9 ^{±0.6} N Switching travel 0.5 ^{+0.2} mm Robustness max. with through-plated PCB 100 N	Mechanical design	
Terminals Contact system snap-action contact Contact arrangement 1 NO Contact materials Illumination LED color LED type green LED type 2 mm Mechanical characteristics Operating force max. Switching travel Robustness max. THT snap-action contact Au Fully illuminated 2 LED green 2 mm 2 mm 0.5 ^{+0.2} mm with through-plated PCB 100 N	•	soldering in PCB
Contact arrangement Contact materials Au Illumination LED color LED type 2 mm Mechanical characteristics Operating force max. Switching travel Robustness max. 1 NO Au Fully illuminated 2 LED green 2 mm 2 mm 2 mm 0.5 ^{+0.6} N 0.5 ^{+0.2} mm with through-plated PCB 100 N		
Contact arrangement Contact materials Au Illumination LED color LED type 2 mm Mechanical characteristics Operating force max. Switching travel Robustness max. 1 NO Au Fully illuminated 2 LED green 2 mm 2 mm 2 mm 0.5 ^{+0.6} N 0.5 ^{+0.2} mm with through-plated PCB 100 N	Contact system	snap-action contact
Illumination LED color LED type 2 mm Mechanical characteristics Operating force max. Switching travel Robustness max. fully illuminated 2 LED green 2 mm 2 mm 0 to 10 mm with through-plated PCB 100 N		
LED color LED type 2 mm Mechanical characteristics Operating force max. Switching travel Robustness max. 2.9 ^{±0.6} N 0.5 ^{+0.2} mm with through-plated PCB 100 N	Contact materials	Au
Mechanical characteristics Operating force max. 2.9 ^{±0.6} N Switching travel 0.5 ^{+0.2} mm Robustness max. with through-plated PCB 100 N	Illumination	fully illuminated 2 LED
Mechanical characteristics Operating force max. 2.9 ^{±0.6} N Switching travel 0.5 ^{+0.2} mm Robustness max. with through-plated PCB 100 N	LED color	green
Operating force max. Switching travel Robustness max. 2.9 ^{±0.6} N 0.5 ^{+0.2} mm with through-plated PCB 100 N	LED type	2 mm
Switching travel Robustness max. 0.5 ^{+0.2} mm with through-plated PCB 100 N	Mechanical characteristics	
Switching travel 0.5 ^{+0.2} mm Robustness max. with through-plated PCB 100 N	Operating force max.	2.9 ^{±0.6} N
Robustness max. with through-plated PCB 100 N		0.5 ^{+0.2} mm
		with through-plated PCB 100 N
Electrical characteristics	Electrical characteristics	
Rated voltage min. Au: 0.02 V, Ag: 3 V		Au: 0.02 V. Ag: 3 V
Rated voltage max. 35 V	-	
Rated current min. Au: 0.01 mA, Ag: 0.1 mA		-
Rated current max. Au: 100 mA, Ag: 250 mA		
Rated power max. (ohmic load) Au: 2 W, Ag: 12.5 W		
Contact resistance when new max. $100 \text{ m}\Omega$		
Insulation resistance 10 ⁹ Ω	Insulation resistance	10 ⁹ Ω
Other specifications	Other specifications	
Ambient temp. operating min25 °C	•	-25 °C
Ambient temp. operating max. +70 °C		
Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78		-
Operating life min. (operations) 1,000,000 cycle		
Solderability / solder heat resistance according to DIN EN 60068-2-20	·	
Wave soldering 260 °C max.	-	
Manual soldering 350 °C / 5 sec. max.		



ROHS compliant	yes
REACH compliant	yes





Lens yellow

