

## RF 19 H - Tactile switch, fully illuminated, gold contacts

3.14.002.632/0000



### General information

|                      |       |
|----------------------|-------|
| Color of lens        | green |
| Recommended key grid | 24 mm |

### Dimensions

|                |          |
|----------------|----------|
| Length         | 19.05 mm |
| Width          | 19.05 mm |
| Overall height | 12.5 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 <sup>+0.6</sup> N         |
| Switching travel     | 0.5 <sup>+0.2</sup> mm        |
| Robustness max.      | with through-plated PCB 100 N |

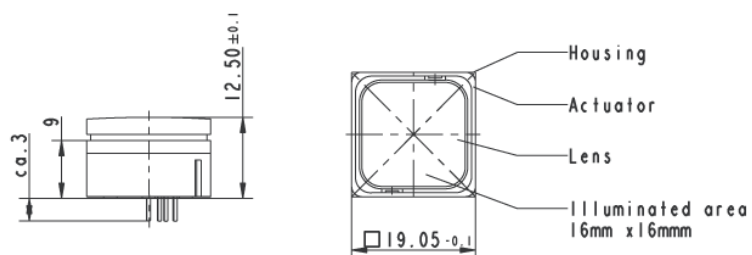
### Electrical characteristics

|                                  |                         |
|----------------------------------|-------------------------|
| Rated voltage min.               | 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 mΩ                  |
| Insulation resistance            | 10 <sup>9</sup> Ω       |

### Other specifications

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Ambient temp. operating min.           | -25 °C                                   |
| Ambient temp. operating max.           | +70 °C                                   |
| Environmental resistance               | 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 |



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

***Click to view similar products for [Tactile Switches](#) category:***

***Click to view products by [RAFI](#) manufacturer:***

Other Similar products are found below :

[5GTH92001](#) [1-1977120-4](#) [ADTSA62NV](#) [ADTSA62RV](#) [ADTSA63KV](#) [ADTSA644NV](#) [ADTSMW66NV](#) [ADTSMW67RV](#) [B3F-3123](#) [B3F-6055A](#) [B3F-B32-01-KIT](#) [1977177-8](#) [1977266-1](#) [ADTS644KV](#) [ADTSA61RV](#) [ADTSA62KV](#) [ADTSA63NV](#) [ADTSA63RV](#) [ADTSM21NSVTR](#) [ADTSM32NVTR](#) [ADTSM63SVTR](#) [ADTSM644KVTR](#) [ADTSMW64RV](#) [ADTSMW69NV](#) [FSMRA4JHA04](#) [GS4.70F300QP](#) [3ESH9R](#) [506E00201](#) [MJTP1164TR](#) [3FTL600RAS](#) [3FTL640RAS](#) [Y96K132V0FPLFS](#) [101-TS5022T1601-EV](#) [5GSH92001](#) [KSJ0A231](#) [80SH LFG](#) [ADTSM31NVTR](#) [EVQ-P1D05K](#) [MJTP1162TR](#) [ADTSM63KV](#) [2-1977120-7](#) [TSJW-5.2-260-TR](#) [KMT011MNGJLHS](#) [B3WN6002S](#) [ADTSA648RV](#) [70-201.0](#) [ADTSG648NV](#) [ADTSM62KSVTR](#) [ATA600VTR](#) [ADTSG66RV](#) [ADTS61NV](#)