## Keylock switch - round collar

### 1.10.118.612/0000

Included: 2 keys.

| General information |  |
| :---: | :---: |
| Form of collar | round |
| Dimensions |  |
| Diameter of collar | 18 mm |
| Overall height | 7.5 mm |
| Mounting depth | 39.5 mm ; with plug-in socket 41.25 mm |
| Mounting hole | 16.2 mm |
| Mechanical design |  |
| Mounting | ring nut |
| Terminals | solder terminals |
| Contact system | sliding contact, self cleaning |
| Contact function | latching |
| Contact arrangement | 1 NO at every switching position |
| Contact materials | Au alloy |
| Illumination | no |
| Mechanical design of lock |  |
| Lock | cylinder lock with pin tumblers |
| Wafers | 5 pins |
| Lock type | 5001 |
| Number of locking positions | 10,000 |
| Main key | on request |
| Symmetric key | on request |
| Key removal position | 0+1 |
| Mechanical characteristics |  |
| Operating force min. | 0.035 Nm |
| Operating force max. | 1.8 Nm |
| Electrical characteristics |  |
| Rated voltage AC/DC max. | 35 V |
| Rated voltage AC/DC min. | 5 V |
| Rated current AC/DC max. | 100 mA |
| Rated current AC/DC min. | 5 mA |
| ESD strength max. | 12 kV |
| Insulation resistance | $6 \times 10^{8} \Omega$ |
| Contact resistance max. | $200 \mathrm{~m} \Omega$ |


| Other specifications |  |
| :---: | :---: |
| Operating life (operations) | 50,000 cycle |
| Degree of protection from front side | IP65 (DIN EN 60529) |
| Operation temperature min. | $-25^{\circ} \mathrm{C}$ |
| Ambient temp. operating max. | $+70^{\circ} \mathrm{C}$ |
| Storage temperature min. | $-40^{\circ} \mathrm{C}$ |
| Storage temperature max. | $+80^{\circ} \mathrm{C}$ |
| Environmental restistance | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Soldering temperature max. | $350{ }^{\circ} \mathrm{C}$ |
| Soldering time max. | 3 s |
| Weight | 29 g |
| Rotating angle | $1 \times 90^{\circ}$ |
| ROHS compliant | yes |
| REACH compliant | yes |

Mounting hole


PCB hole pattern, sight on component side


with plug-in socket


## X-ON Electronics

Largest Supplier of Electrical and Electronic Components
Click to view similar products for Keylock Switches category:
Click to view products by RAFI manufacturer:

Other Similar products are found below :
89496-09 58J1007 58J8A45-01B05N 719-0201-000 719-0202-000 719-0702-000 719-5504-000 84800-04 GKNC33L GKNC3L PVA2OAH5 HA1K-2C2VA-2 14-235.022K AS6H-2K2A AS6M-2K1B AS6Q-2K2A AS6Q-3K2A 1571487-1 KEY-AS6 KH3C-20C 8928K493 2SWK131AL102 AS6M-2K1A AS6Q-2K1PB 51-401.036D 51-414.036D HW1K-31BF20 HW1K-3HF20 Y1112-2027CLFT 51-195.025D 51-378.AD 51-404.036D 51-405.036D 1-1437597-8 58J8A36-01B04N 58M1422 86945-05 719-0204-000 719-0205-000 719-0801-000 719-0804-000 719-0805-000 88422-18 58J8A90-01B02N 58J8A90-01C02N 58J9P36-01B09N 58J8A36-01C03N GKRA3K1A2-F03-C GKBB14L6 14-236.025K1020

