Ф 16, 19, 22mm Picture Specifications $\quad$ Dimensions





## Performance Characteristic

| Operating temperature | $-25^{\circ} \mathrm{C} \sim+55^{\circ} \mathrm{C}$ (no freezing), |
| :---: | :--- |
| Operation Humidity | $45 \sim 85 \%$ RH(no condensation) |
| Contact Resistor | $\leq 100 \mathrm{~m} \Omega$ |
| Insulation Resistor | $\geq 100 \mathrm{M} \Omega$ (500VDC) |
| Maximum withstand voltage | $1000 \mathrm{VAC}, 50 \mathrm{~Hz}, 1 \mathrm{~min}$ |
| Vibration Resistance | 50 Hz, Amplitude 1.2mm button |
| Solder Heat Resistance | $320^{\circ} \mathrm{C} 3 \mathrm{~s}$ |
| Switch rating | $50 \mathrm{~mA} / 24 \mathrm{VDC}$ |
| Mechanical Life | $\boxed{500 \mathrm{~K} \text { cycles }}$ |
| Electrical Life | $\boxed{50 \mathrm{~K} \text { cycles }}$ |
| Base material | PBT |
| Nut Torque | Around 0.6 Nm |
| Operation Pressure | Around 3.8N(MTA16),Around7.8N(MTA19),Around5N(MTA22) |
| Operation Travel | 0.5 mm |
| Protecting level | IP65(MTA19F can be customized to IP67),IK05 |

## LED Specifications

| LED life | Current | Allowable voltage fluctuation range | Circuit diagram |
| :---: | :---: | :---: | :---: |
| $\geqslant 40000$ hours | $\leqslant 24 \mathrm{~V}$ about 15 mA | DC: $\pm 10 \%$ | The product has built-in protective resistance, and the lamp bead wiring has no distinction between positive and negative poles. |

