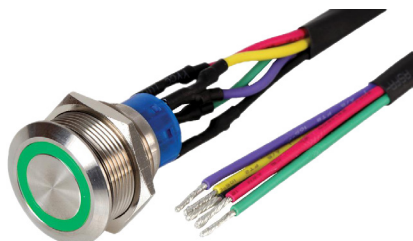


Metal Pushbutton Switch

**RoHS
Compliant**



Specifications:

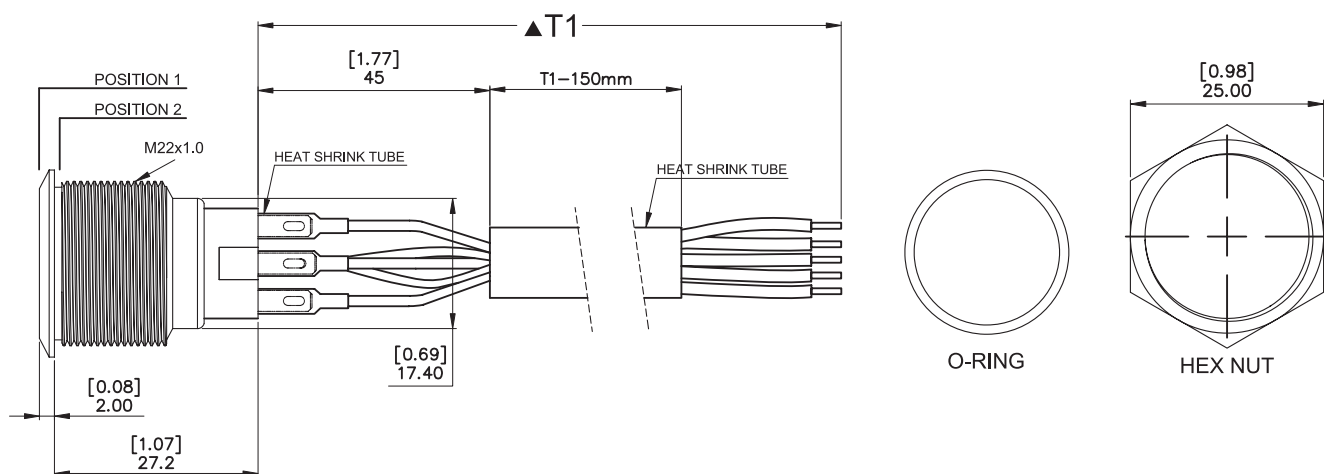
Contact Material	: Silver
Rating	: 1th 5A/250V AC resistive load 3A/250V AC
Electrical Life	: 50,000 Make-And-Break Cycles at full load
Mechanical Life	: Momentary 1,000,000
Insulation Resistance	: 1,000MΩ min at 500V DC
Dielectric Strength	: 2,000V RMS @ sea level
Contact Resistance	: 50mΩ MAX. @1A 12V DC (initial value)
Operating Temperature	: -20°C to +55°C
Travel	: About 3.2mm
Operation Pressure	: 1Pole 2.5±1N / 2Pole 3.5±1N
Ingress Protection	: IP67, IK10 (Stainless)
Torque	: 5~14Nm

Material:

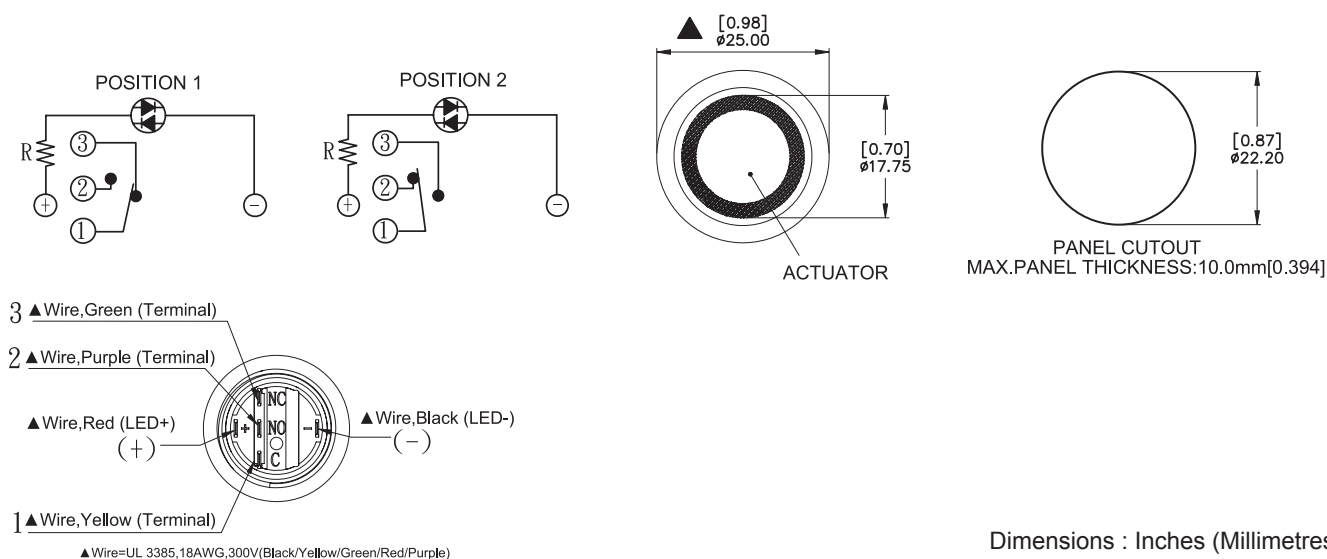
Bushing	: Stainless Steel
Base	: PBT(UL 94-V0) , PC(UL 94-V2)
Actuator	: PC; Stainless Steel
Inner Assembly	: POM. / PA66
Spring	: Spring Steel
Sealing	: Silicone
O-Ring	: Silicone
Terminal / Contact	: Copper, Silver Plated
Hex Nut	: Nickel Plated Brass

Note: When the switches with the wire assembly, we only test the electric conduction and will not test the contact resistance on the wire.

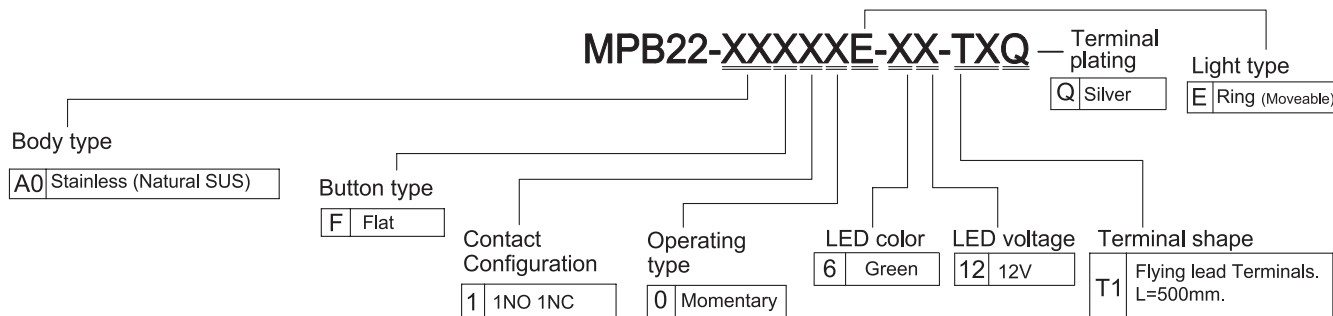
Diagram



Metal Pushbutton Switch



Part Number Explanation



Part Number Table

Description	Part Number
Metal Pushbutton Switch	MPB22-A0F10E-612-T1Q