Metal Pushbutton Switch
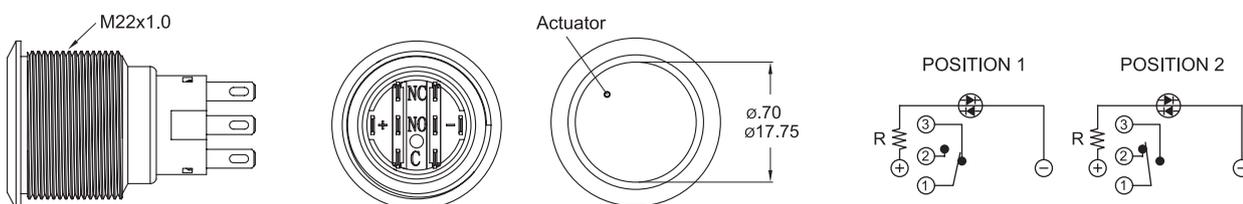
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Specifications:

Contact Material	: Silver
Rating	: 5A/250V AC. Resistive load 3A/250V AC
Electrical Life	: 50,000 Make-and-Break Cycles at Full Load
Mechanical Life	: Self-Lock 5,00,000
Insulation Resistance	: 1,000MΩ Min. at 500V DC
Dielectric Strength	: 2,000Vʀᴍs @ sea level
Contact Resistance	: 50mΩ Max. @ 1A 12V DC(inital value)
Operating Temperature	: -20°C to +55°C
Travel	: About 3.2mm
Operation Pressure	: 1 Pole 2.5 ± 1N / 2 Pole 3.5 ± 1N
Ingress Protection	: IP67, IK10(Stainless)
Torque	: 5Nm to 14Nm

Material:

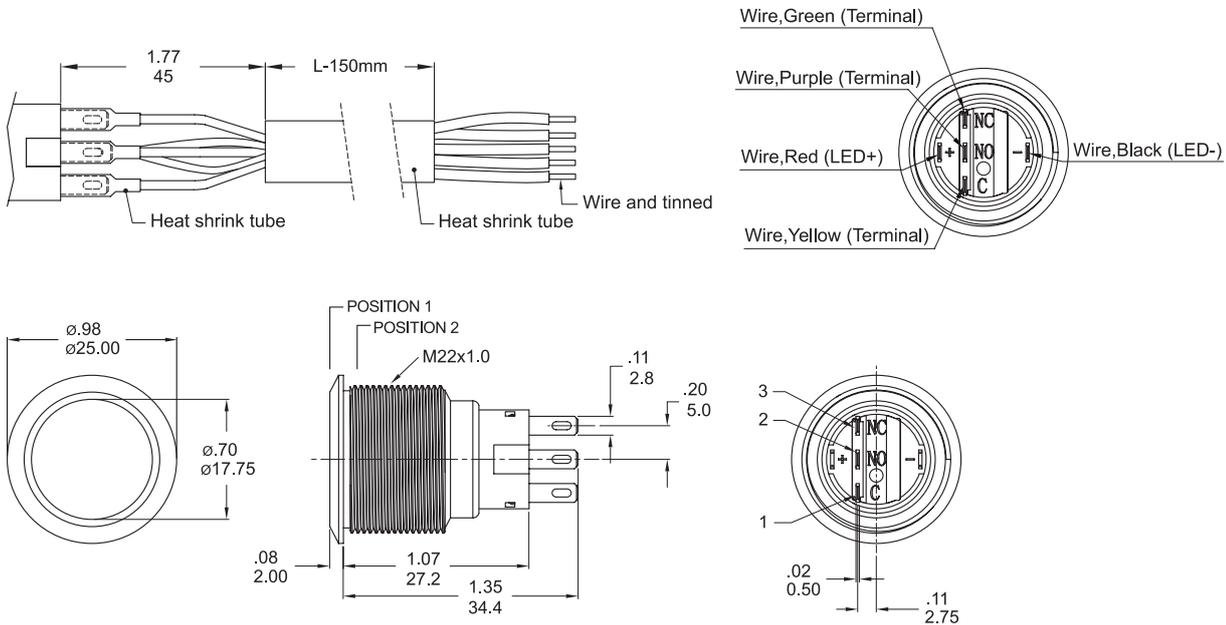|	
Bushing	: Stainless Steel
Base	: PBT, PC
Actuator	: PC, Stainless Steel
Inner Assembly	: POM/PA66
Spring	: Spring steel
Sealing	: Silicone
O-Ring	: Silicone
Terminal/Contact	: Copper, Silver Plated
Hex Nut	: Nickel Plated Brass

Diagram

Dimensions : Inches (Millimeters)

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1.77
45

L-150mm

Heat shrink tube

Heat shrink tube

Wire and tinned

Wire,Green (Terminal)

Wire,Purple (Terminal)

Wire,Red (LED+)

Wire,Black (LED-)

Wire,Yellow (Terminal)

ø.98
ø25.00

ø.70
ø17.75

POSITION 1
POSITION 2
M22x1.0

.11
2.8

.20
5.0

.08
2.00

1.07
27.2

1.35
34.4

3
2

1

.02
0.50

.11
2.75

Dimensions : Inches (Millimeters)

Part Number Table

Description	Part Number
Metal Pushbutton Switch, 22.2mm, SPST-NO, SPST-NC, Off-On, Natural	MPB22-A0F11E-324-T1Q

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