Metal Pushbutton Switch   multicomp PRO

Specifications

|	
Rating	: Ith 5A/250V AC resistive load 3A/250V AC
Contact Resistance	: 50mΩ MAX.@1A 12V DC (inital value)
Insulation Resistance	: 1,000MΩ min at 500V DC
Dielectric Strength	: 2,000V RMS @ sea level
Operating Temperature	: -20°C to +55°C
Mechanical Life	: Self-lock 500,000 cycles
Electrical Life	: 50,000 make-and-break cycles at full load
Torque	: 5 ~ 14Nm
Panel Thickness	: 10mm (Ø22.2mm)
Operation Pressure	: 1Pole 2.5±1N
Travel	: About 3.2mm
Ingress Protection	: IP67, IK10 (Stainless)
Lead Free	

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	: Sillicone
O-Ring	: Sillicone
Terminal / Contact	: Copper, Silver Plated
Hex Nut	: Nickel Plated Brass

Diagram
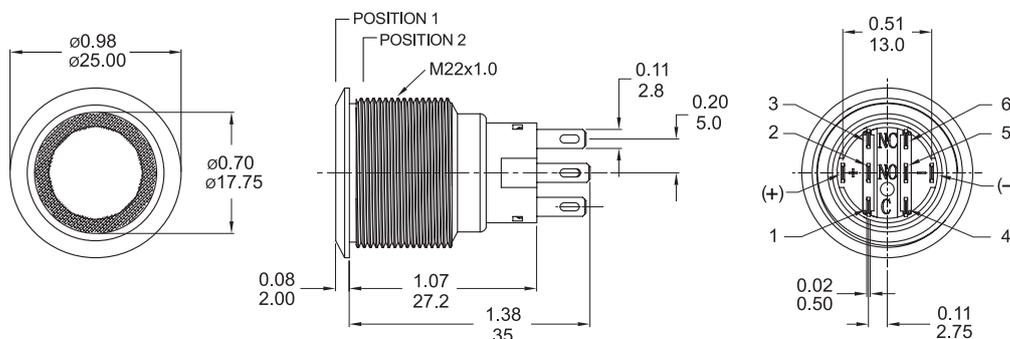
Dimensions : Inches (Millimetres)

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multicomp PRO

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Circuit

POSITION 1   POSITION 2

Single Color Led (1 Pole)

Body Type

M22x1.0

Ring (Moveable)

Actuator

ø0.70
ø17.75

Ring illuminated

Wire (Flying lead Terminals)

500mm

1.77
45

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)
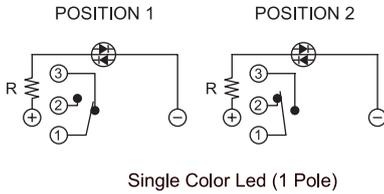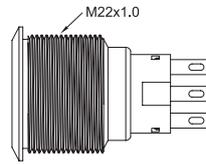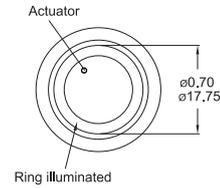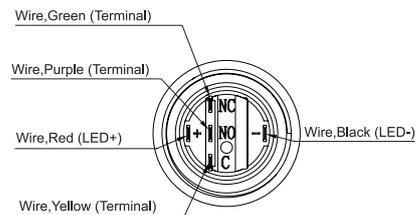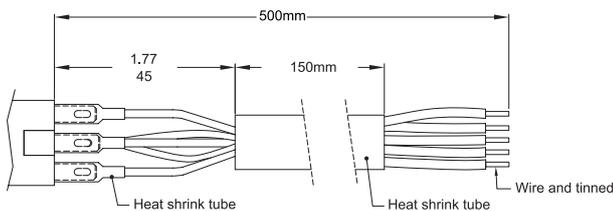
Dimensions : Inches (Millimetres)

Part Number Explanation

MPB22 —

| BODY TYPE | BUTTON TYPE | CONTACT CONFIGURATION | OPERATING TYPE | LIGHT TYPE | LED COLOUR | LED VOLTAGE | TERMINAL SHAPE | TERMINAL PLATING |

Body type
A0   Stainless (Natural)

Button type
F   Flat

Contact Configuration
1   1NO 1NC

Operating type
1   Lock

Light type
E   Ring (Moveable)

Terminal plating
Q   Silver

Terminal shape
T1   Flying lead terminals L=500mm

LED Color

ITEM NO	COLOUR
6	Green

LED Voltage (20mA)

ITEM NO	VOLTAGE
24	24V

Part Number Table

Description	Part Number
Illuminated Pushbutton Switch, SPST-NO, SPST-NC, Push On-Push Off, 3 A, 250V, Green	MPB22-A0F11E-624-T1Q

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