

## FEATURES

- Operating life of 50,000 cycles
- Total travel:  $1.2\pm0.3\text{mm}$
- Operating force:  $250\pm100\text{gf}$  (gram-force)
- Normally open contact

# RS PRO Single Pole Single Throw (SPST) Momentary Miniature Push Button Switch, 8 (Dia.)mm, Panel Mount, 120/250V ac

RS Stock No.: 734-6827



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

This miniature push button switch with momentary switch operation and 1-pole on-off switch from our own RS PRO brand offer an excellent mechanism for controlling a machine or a process.

The case and housing is made from high-quality Nylon 6/6 and terminal is made from copper alloy with gold plated material. The total length of a push button switch is 23mm. You can choose from solid black or illuminated water clear actuator. Illuminated colour variants include blue, green, yellow, white and red. If you are after dual colour version, we can offer that too.

## General Specifications

<b>Switch Operation</b>	Momentary
<b>Contact Configuration</b>	Single Pole Single Throw (SPST)
<b>Illuminated</b>	No
<b>Actuator Shape</b>	Cylinder
<b>Actuator Colour</b>	Black
<b>Case Colour</b>	Black
<b>Applications</b>	Test Equipment, Telecommunications, Networking, Handheld Appliances

## Material Characteristics

<b>Case</b>	Nylon 6/6
<b>Cap</b>	PC
<b>Terminals</b>	Copper alloy with gold plated.

## Electrical Specifications

<b>Voltage Rating</b>	120/250V ac
<b>Terminal Type</b>	Solder
<b>Actuator Type</b>	Cap

## Contact Specifications

<b>Contact DC Voltage Rating</b>	30V
<b>Contact Current Rating</b>	100 mA @ 30 V dc
<b>Insulation Resistance</b>	100 MΩ min. 500V DC
<b>Dielectric Strength</b>	500V AC for 1 Minute
<b>Total Travel</b>	1.2±0.3mm

## Mechanical Specifications

<b>Mounting Type</b>	Panel Mount
<b>Panel Cut Out Size</b>	8 (Dia.)mm
<b>Panel Cut Out Diameter</b>	8mm
<b>Mechanical Life</b>	50,000 cycles
<b>Actuating Force</b>	250±100gf
<b>Dimension</b>	23mm x 8mm

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	85°C
<b>Minimum Operating Temperature</b>	-40°C

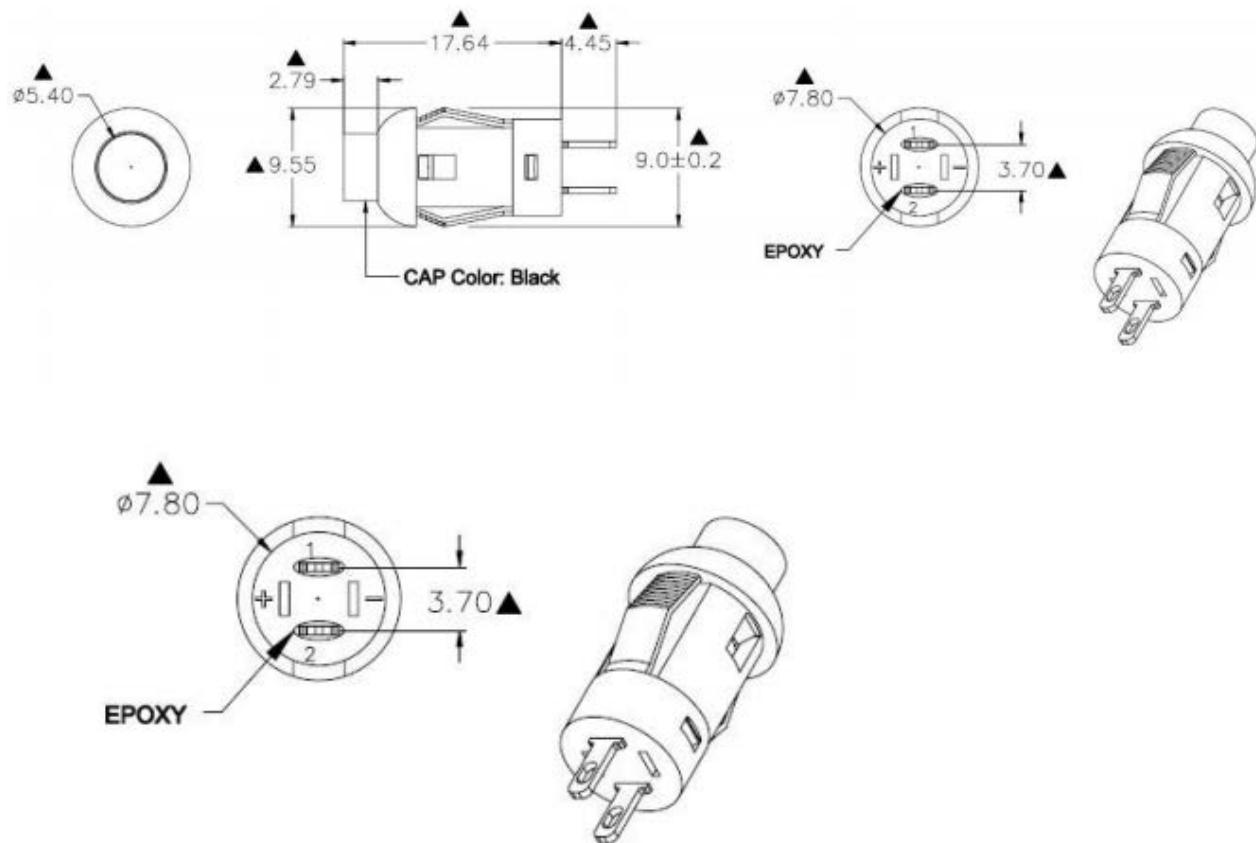
## Approvals

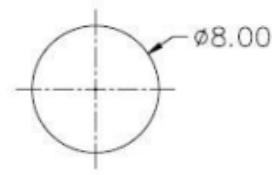
<b>Compliance/Certifications</b>	EN61340
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## Push Button Switches



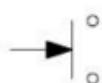
### Dimensions – mm





For 0.8~1.2 THK PANEL

## PANEL MOUNTING



## SWITCH FUNCTION