


**SERIES: PB5 | DESCRIPTION: PUSH BUTTON SWITCH**
**FEATURES**

- momentary and alternate
- raised cap
- IP67


**SPECIFICATIONS**

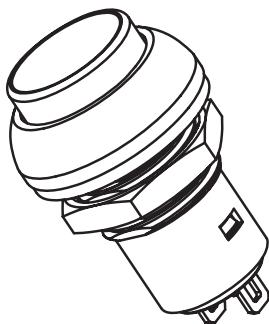
parameter	conditions/description	min	typ	max	units
rated voltage		12		Vdc	
		24		Vdc	
		125		Vac	
rated current	Vdc	1.0		A	
	Vdc	0.5		A	
	Vac	1.5		A	
withstanding voltage	for 1 minute		1,000		Vac
contact resistance				50	mΩ
insulation resistance		100			MΩ
operating force		350	400	450	gf
actuator travel		2.0	2.5	3.0	mm
operating temperature		-20		85	°C
life	electrical mechanical		10,000 100,000		cycles cycles
hand soldering	for 3±0.5 seconds	345	350	355	°C
flammability rating	see material table				
RoHS	yes				
IP level	IP67				

**PART NUMBER KEY**
**PB5 - X - XX - R - 67**

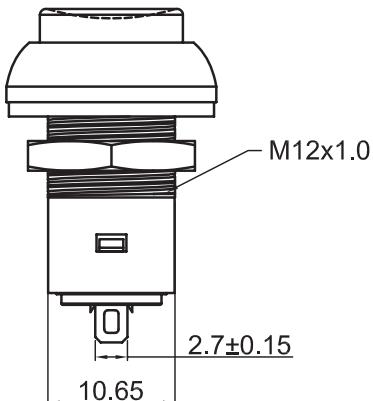
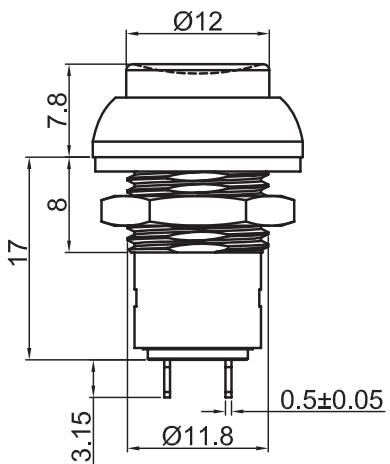
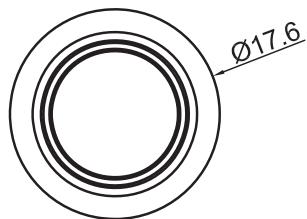
Base Number      Switch Function:  
A = alternate  
M = momentary      Cap Color:  
BK = black  
BL = blue  
GR = green  
R = red

## MECHANICAL DRAWING (ALTERNATE)

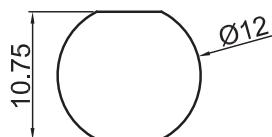
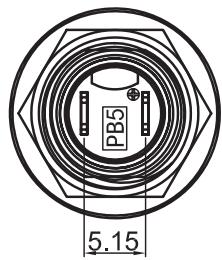
units: mm  
 tolerance:  
 $X \leq 5.0: \pm 0.2 \text{ mm}$   
 $5.0 < X < 30.0: \pm 0.3 \text{ mm}$   
 $X \geq 30.0: \pm 0.5 \text{ mm}$   
 unless otherwise noted  
 panel thickness: 4.0 mm max



DESCRIPTION	MATERIAL	PLATING/COLOR
base	PA (UL94V-2)	black
cap	ABS (UL94HB)	see part number key
terminals	copper	gold
nut	zinc alloy	nickel



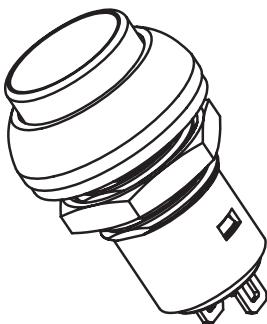
ACTUATOR POSITION ALTERNATE	
NORMAL	DOWN
OFF	ON
SCHEMATIC	
1	2
OFF	ON



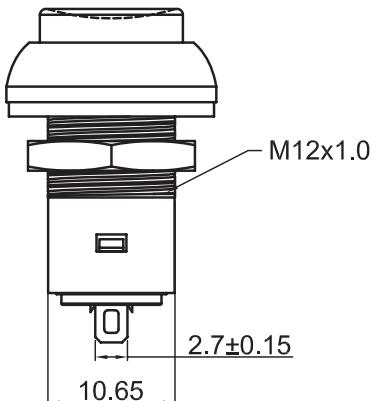
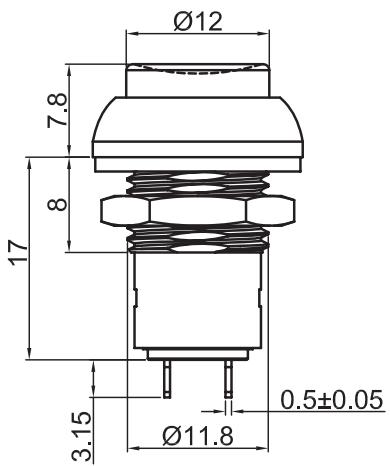
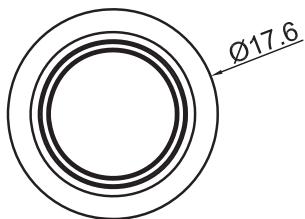
Recommended Panel Cutout

## MECHANICAL DRAWING (MOMENTARY)

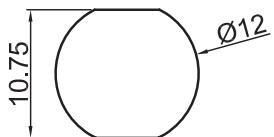
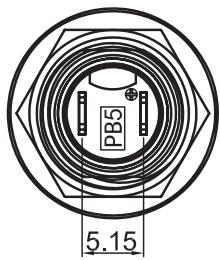
units: mm  
 tolerance:  
 $X \leq 5.0: \pm 0.2 \text{ mm}$   
 $5.0 < X < 30.0: \pm 0.3 \text{ mm}$   
 $X \geq 30.0: \pm 0.5 \text{ mm}$   
 unless otherwise noted  
 panel thickness: 4.0 mm max



DESCRIPTION	MATERIAL	PLATING/COLOR
base	PA (UL94V-2)	black
cap	ABS (UL94HB)	see part number key
terminals	copper	gold
nut	zinc alloy	nickel



ACTUATOR POSITION [ ]: MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	



Recommended Panel Cutout

## REVISION HISTORY

rev.	description	date
1.0	initial release	01/16/2026

The revision history provided is for informational purposes only and is believed to be accurate.

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