



## SERIES: PB4L | DESCRIPTION: PUSH BUTTON SWITCH

### FEATURES

- illuminated
- momentary
- IP67



### SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				250	Vac
rated current	Vac			0.2	A
withstanding voltage	for 1 minute			1,000	Vac
contact resistance				50	mΩ
insulation resistance		100			MΩ
operating force		350	500	650	gf
actuator travel		1.5	2.0	2.5	mm
operating temperature		-20		85	°C
life	electrical mechanical			30,000 200,000	cycles cycles
hand soldering	for $3 \pm 0.5$ seconds		345	350	355
flammability rating	see material table				
RoHS	yes				
IP level	IP67				

### LED SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
	at $I_f=20$ mA				
forward voltage (Vf)	green	2.8	3.0	3.6	V
	red	1.8	2.0	2.4	V
	white	2.8	3.0	3.6	V

### PART NUMBER KEY

PB4L - M - XX XX - X - D - 67

Base Number

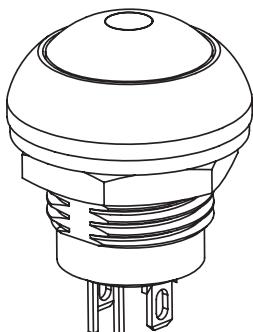
Cap Color:  
BK = black  
GR = green  
R = red

LED Color:  
GR = green  
R = red  
RG = red/green  
WT = white

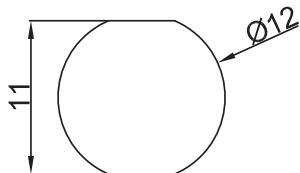
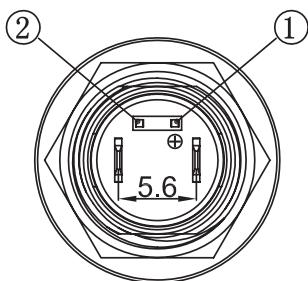
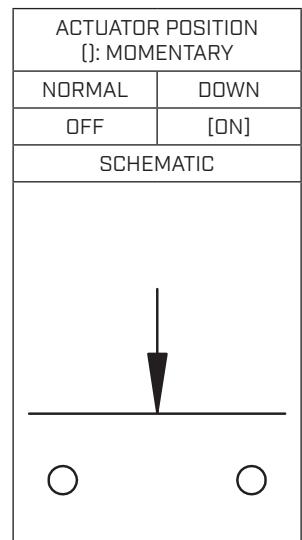
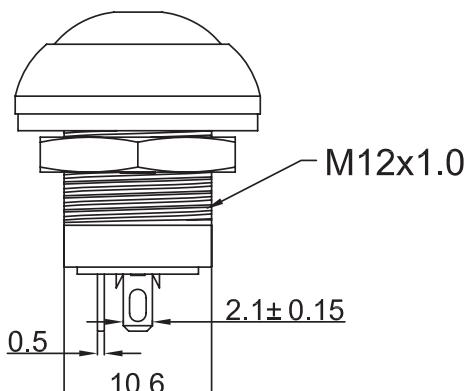
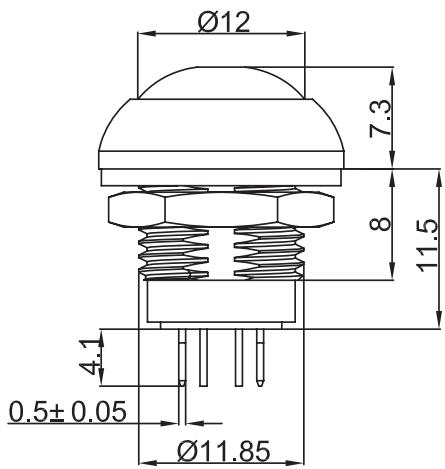
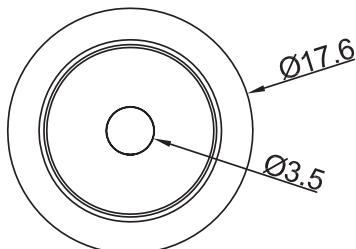
Emblem:  
"blank" = No Power Emblem  
P\* = Power Emblem

## MECHANICAL DRAWING (NO POWER EMBLEM)

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



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

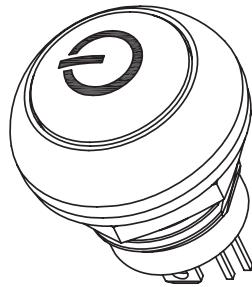


Recommended Panel Cutout

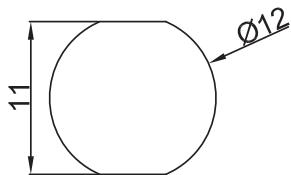
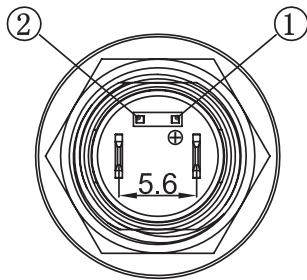
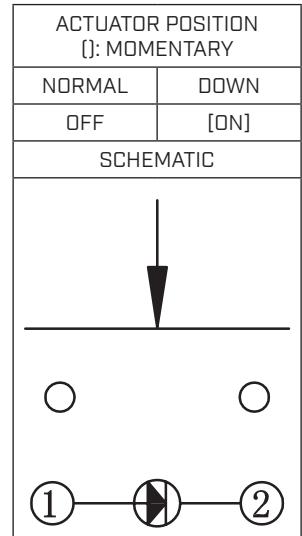
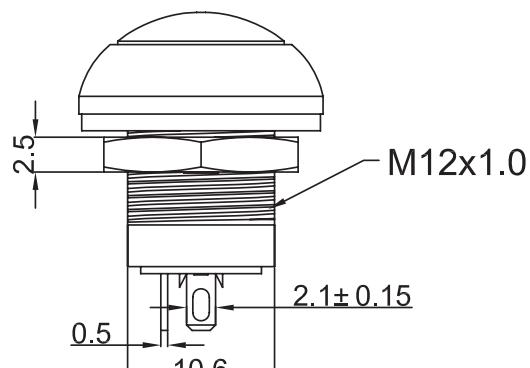
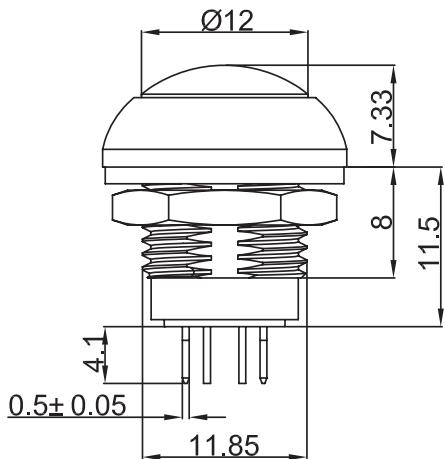
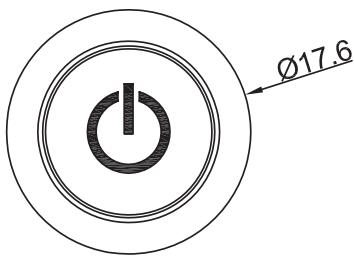
LED Polarity Table		
Model	Red & Green Models	Red-Green Model
Polarity	(1) — (2)	

## MECHANICAL DRAWING (POWER EMBLEM)

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



DESCRIPTION	MATERIAL	PLATING/COLOR
base	PA [UL94V-2]	black
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nut	zinc alloy	nickel



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.

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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