



## SERIES: PB3L | DESCRIPTION: PUSH BUTTON SWITCH

### FEATURES

- illuminated
- alternate
- IP67



### SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				24 125	Vdc Vac
rated current	Vdc Vac			0.1 2	A A
withstanding voltage	for 1 minute			1,000	Vac
contact resistance				50	mΩ
insulation resistance		100			MΩ
operating force		250	300	350	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				

### LED SPECIFICATIONS

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

### PART NUMBER KEY

PB3L - A - XX XX - X - D - 67

Base Number

Cap Color:

LED Color:

Emblem:

BK = black

GR = green

"blank" = No Power Emblem

GR = green

R = red

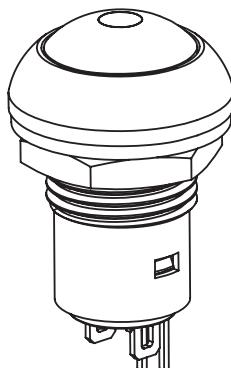
P\* = Power Emblem

R = red

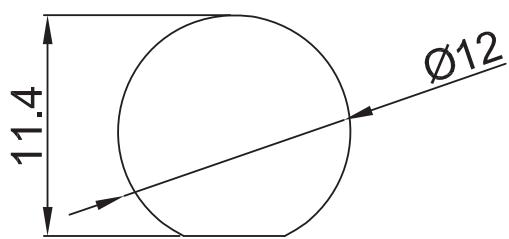
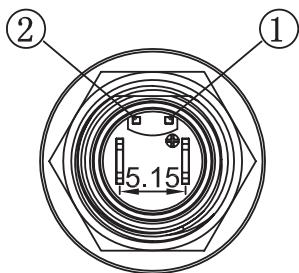
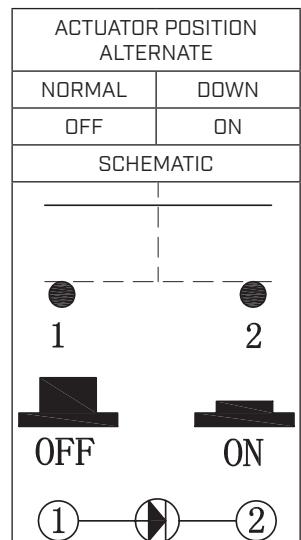
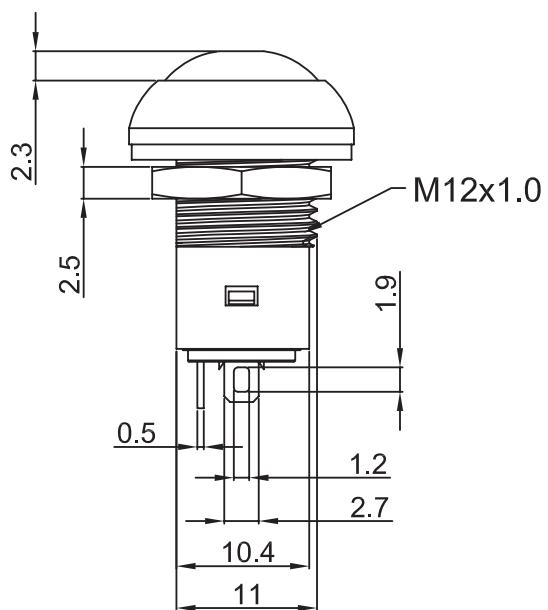
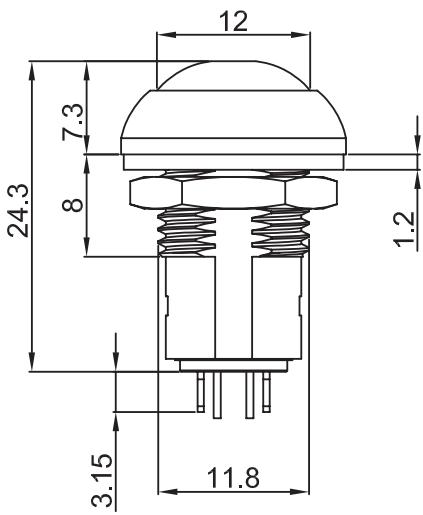
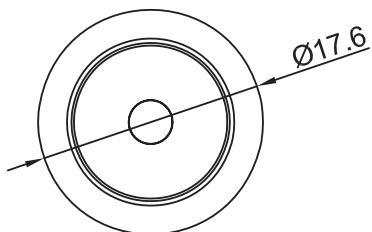
WT = white

## 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



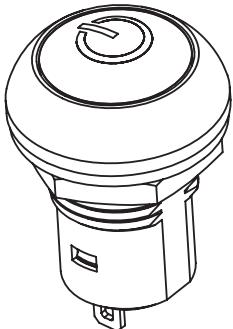
DESCRIPTION	MATERIAL	PLATING/COLOR
base	PA (UL94V-2)	black
cap	PA (UL94V-2)	see part number key
terminals	copper	gold
nut	brass	nickel



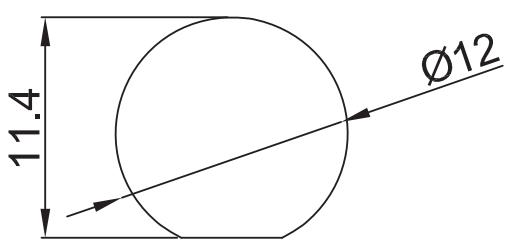
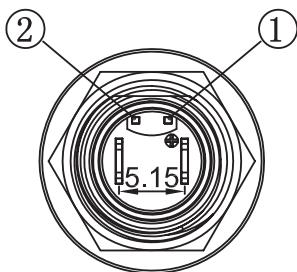
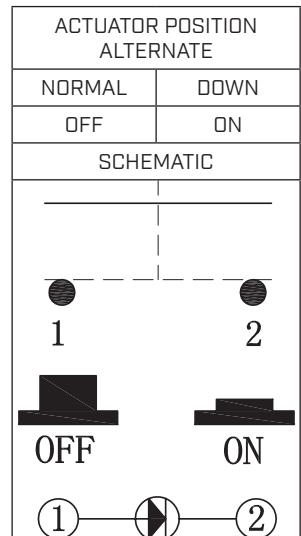
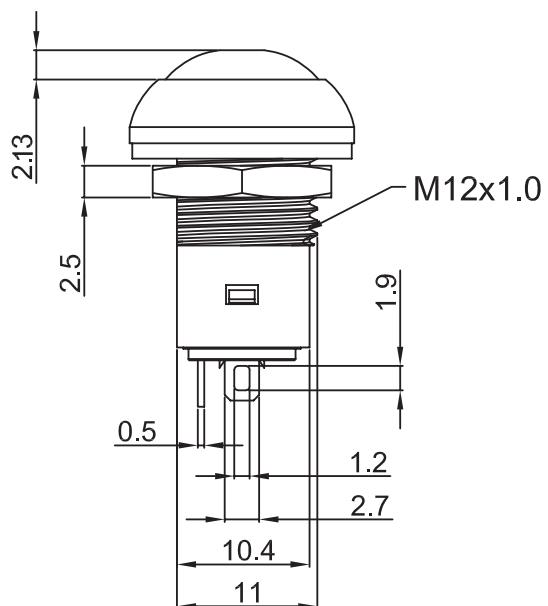
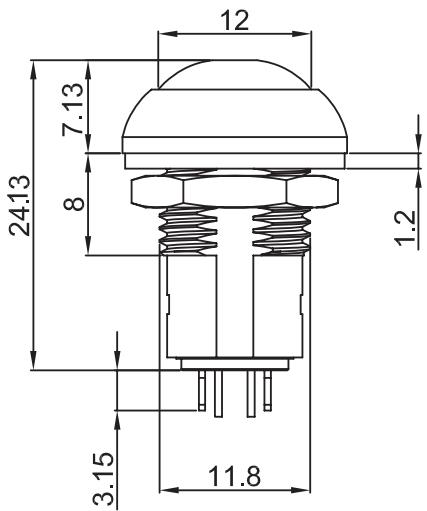
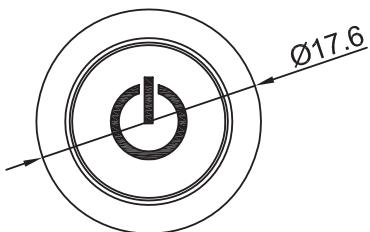
Recommended Panel Cutout

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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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