same sky

SERIES: PB4L | DESCRIPTION: PUSH BUTTON SWITCH

FEATURES
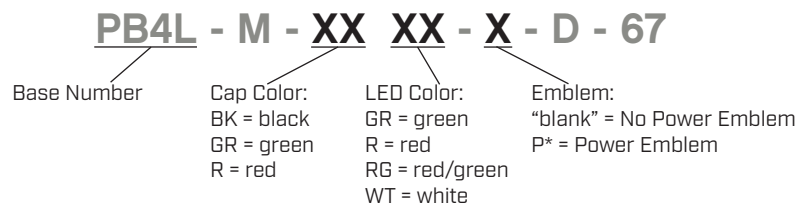· illuminated
· momentary
· IP67

RoHS · 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±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 I_F=20 mA green red white	2.8 1.8 2.8	3.0 2.0 3.0	3.6 2.4 3.6	V V 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:
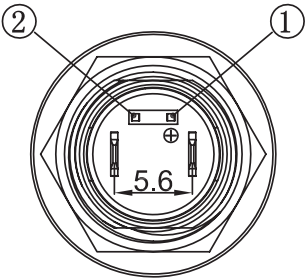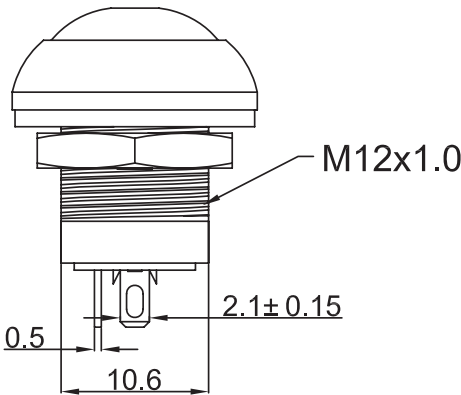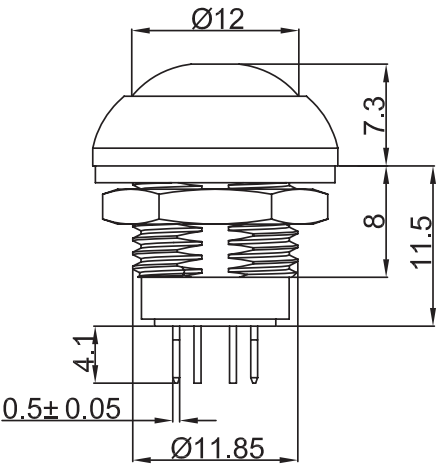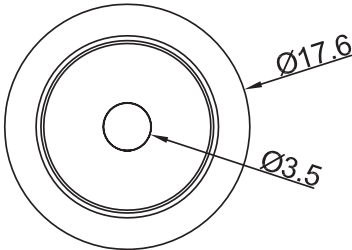"blank" = No Power Emblem
P* = Power Emblem

Note: *Power emblem versions only available with black caps, and with red or white LED.
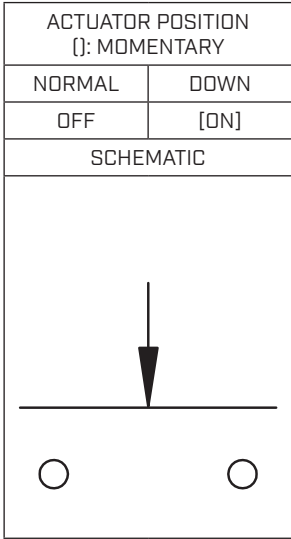
MECHANICAL DRAWING (NO POWER EMBLEM)

units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.3 mm
X≥30.0: ±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

Ø17.6
Ø3.5

Ø12
7.3
8
11.5
4.1
0.5± 0.05
Ø11.85

M12x1.0
2.1± 0.15
0.5
10.6

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

② ①
5.6

Ø12
11
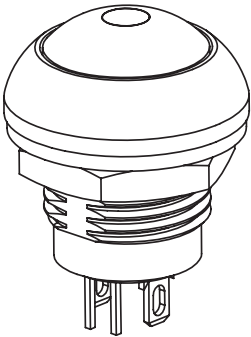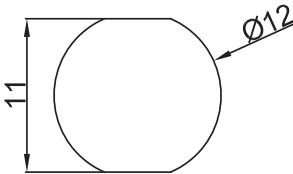
Recommended Panel Cutout

LED Polarity Table		
Model	Red & Green Models	Red-Green Model
Polarity	① ▶ ②	Red ① Anode(+) ② Cathode(-) Green

MECHANICAL DRAWING (POWER EMBLEM)

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DESCRIPTION	MATERIAL	PLATING/COLOR
base	PA [UL94V-2]	black
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0.5± 0.05

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M12x1.0

2.1±0.15

0.5

10.6

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

① ②

5.6

Ø12

11

Recommended Panel Cutout
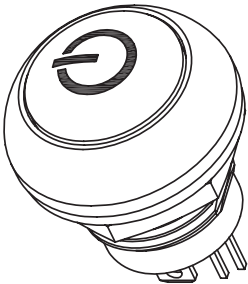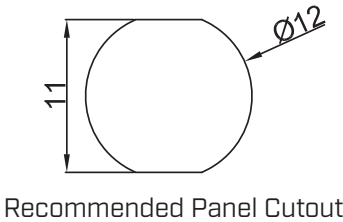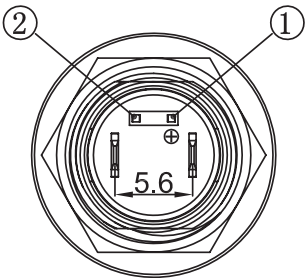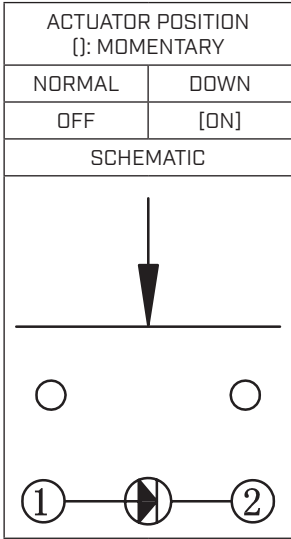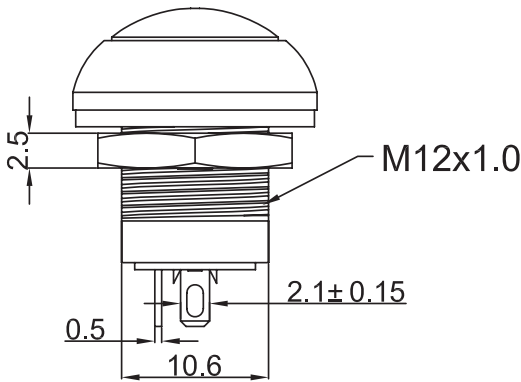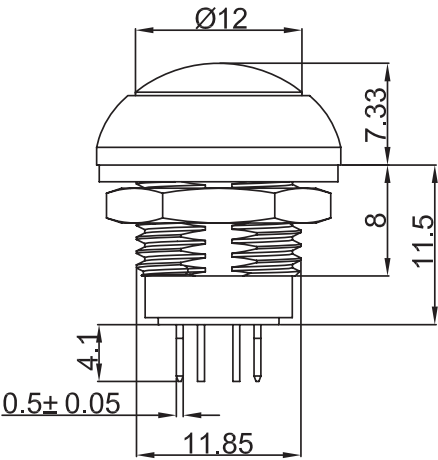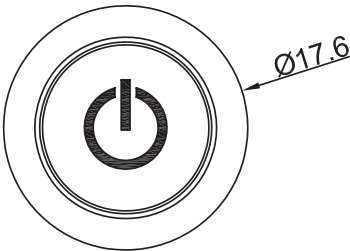
REVISION HISTORY

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.