

**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		10,000		cycles
	mechanical		100,000		cycles
hand soldering	for 3±0.5 seconds	345	350	355	°C
flammability rating	see material table				
RoHS	yes				
IP level	IP67				

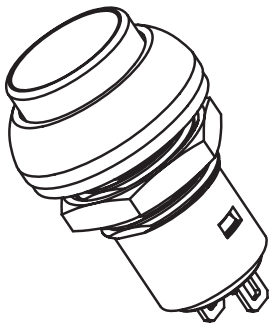
PART NUMBER KEY**PB5 - X - XX - R - 67**

Base Number

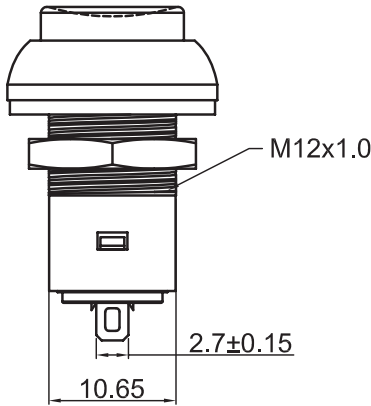
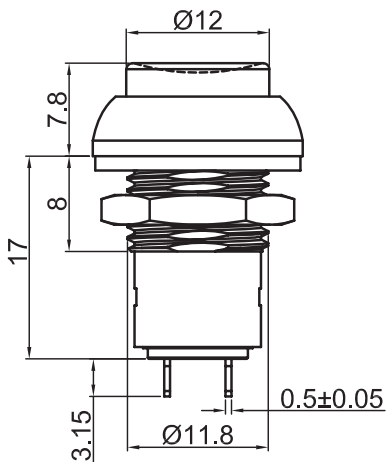
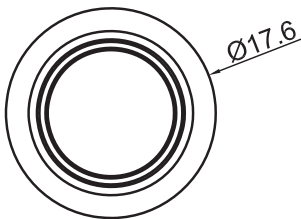
Switch Function:
A = alternate
M = momentaryCap Color:
BK = black
BL = blue
GR = green
R = red

MECHANICAL DRAWING (ALTERNATE)

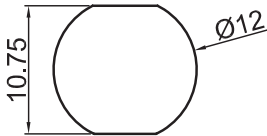
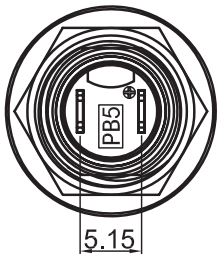
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.3 mm
X≥30.0: ±0.5 mm
unless otherwise noted
panel thickness: 4.0 mm max



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



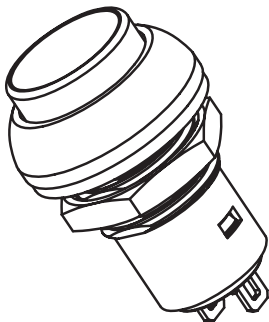
ACTUATOR POSITION ALTERNATE	
NORMAL	DOWN
OFF	ON
SCHEMATIC	



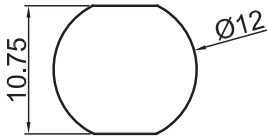
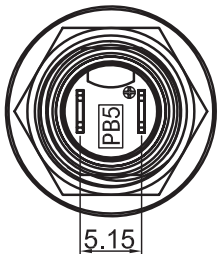
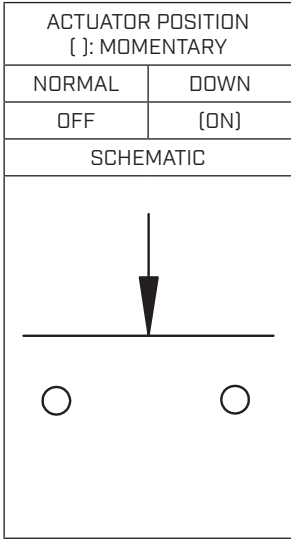
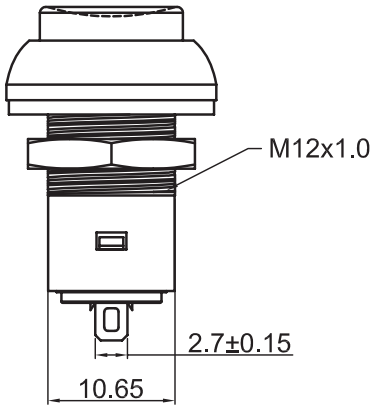
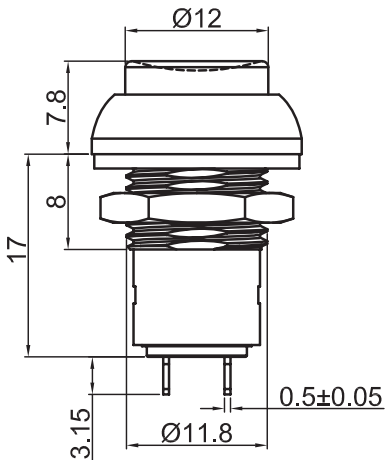
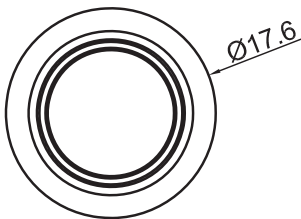
Recommended Panel Cutout

MECHANICAL DRAWING (MOMENTARY)

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
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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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