

**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				

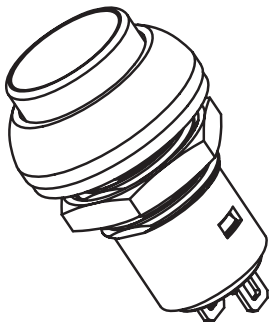
PART NUMBER KEY**PB5 - X - XX - R - 67**

Base Number

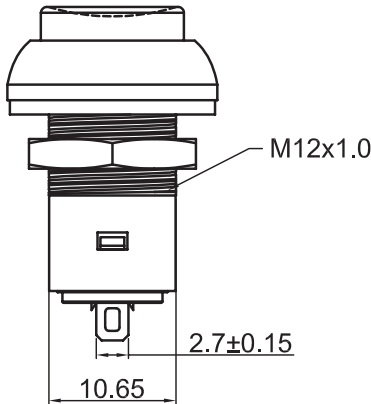
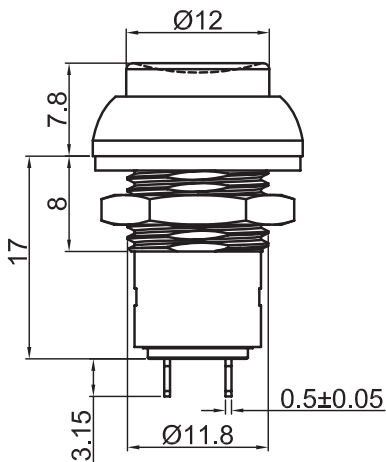
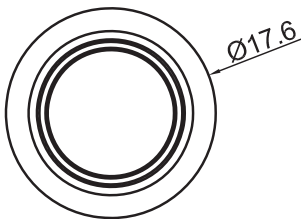
Switch Function:
A = alternate
M = momentaryCap Color:
BK = black
BL = blue
GR = green
R = red

MECHANICAL DRAWING (ALTERNATE)

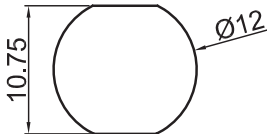
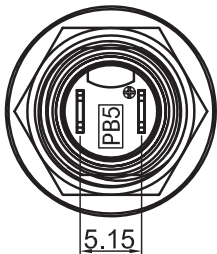
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.3 mm
X≥30.0: ±0.5 mm
unless otherwise noted
panel thickness: 4.0 mm max



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



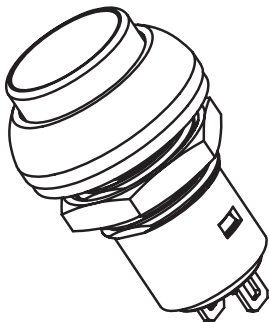
ACTUATOR POSITION ALTERNATE	
NORMAL	DOWN
OFF	ON
SCHEMATIC	
OFF	ON



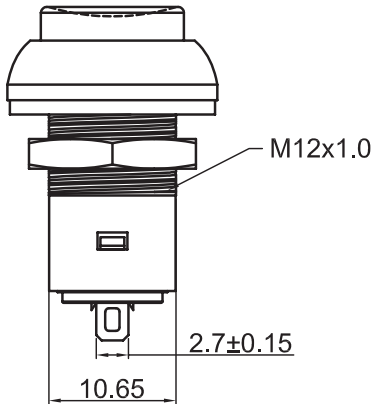
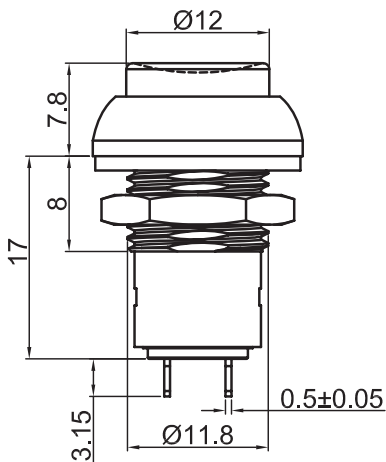
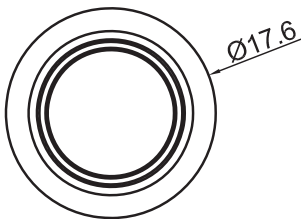
Recommended Panel Cutout

MECHANICAL DRAWING (MOMENTARY)

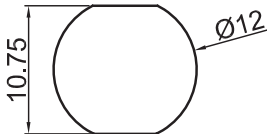
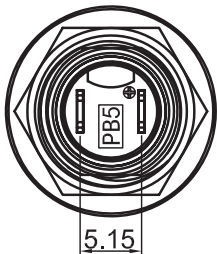
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.3 mm
X≥30.0: ±0.5 mm
unless otherwise noted
panel thickness: 4.0 mm max



DESCRIPTION	MATERIAL	PLATING/COLOR
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.



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

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