SPECIFICATION:

MAX. CURRENT/VOLTAGE RATING WITH RESISTIVE LOAD:

400mA 32VAC-100mA 50VDC-125mA 125VAC

500mA 48VAC - 200 mA 50VDC - 200mA 250VAC for metal material.

INITIAL CONTACT RESISTANCE: $50m\Omega max$. **INSULATION RESISTANCE:** $1G\Omega$ min.at 500VDC. DIELECTRIC STRENGTH: 1,000 VAC rms.

1,500 VAC rms. for metal material.

ELECTRICAL LIFE AT FULL LOAD: 500,000 cycles. OPERATING TEMPERATURE: -30°C to 85°C.

PANEL THICKNESS:

B1 series: 0.8 mm (.031) min. -1.8 mm (.071) max. B2 series: 1.5 mm (.059) min. -4 mm (.157) max.

B3 series: 3.0±0.25 mm (.118) TOTAL TRAVEL: 1.5 mm(.059) **OPERATING FORCE: 2N~5N** CONTACT BOUNCE: 10 ms.

MECHANICAL LIFE: 1,000,000 cycles. TORQUE: 0.5 Nm max.applied to nut, 1.5 Nm max. for metal material.

SOLDERING: 350°C max.for 5 seconds.

MATERIALS

CASE: Diallyl phthalate (DAP)(UL94v-0).

CAP: Polyamide 6/6. BUSHING: Polyamide 6/6.

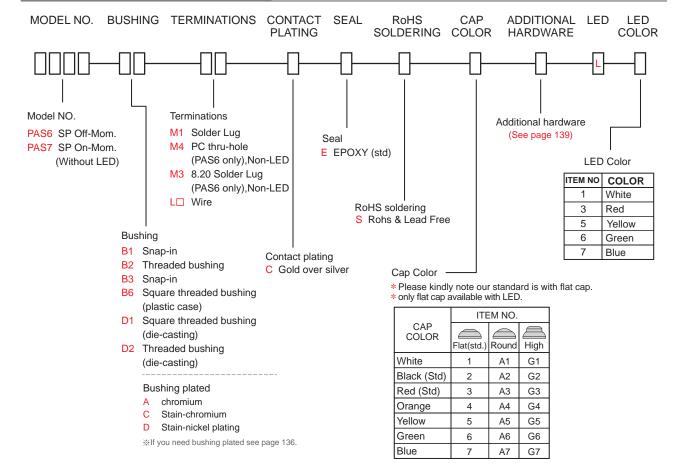








HOW TO ORDER



Besides standard color, other colors need to check stocks available.

SWITCH FUNCTION

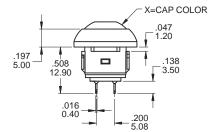
NO. POLES	MODEL: NO.	SWITCH FUNCTION		CONNECTED TERMINALS		
		POS.1	POS.2	POS.1	POS.2	SCHEMATIC
		1	1	1	1	
SP	PAS6	OFF	MOM	OPEN	1-3	• •
SP	PAS7	ON	OFF(MOM)	1-3	OPEN	<u>. ↓</u> .

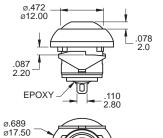
MOM=MOMENTARY

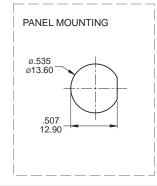


B1







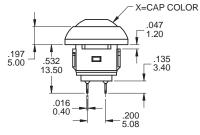


SPST

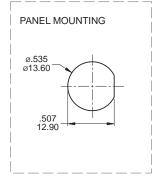
Part No. Shown: PAS6B1M1CESX-5

B1





Ø.472 Ø12.00 .087 2.20 EPOXY .110 Ø.689 Ø17.50

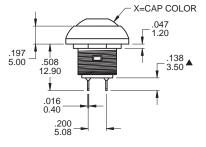


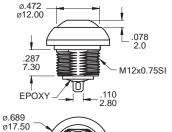
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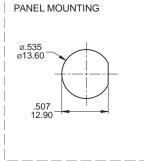
Part No. Shown: PAS7B1M1CESX-5

B2







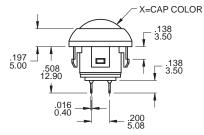


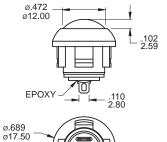
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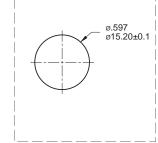
Part No. Shown: PAS6B2M1CESX-5

В3





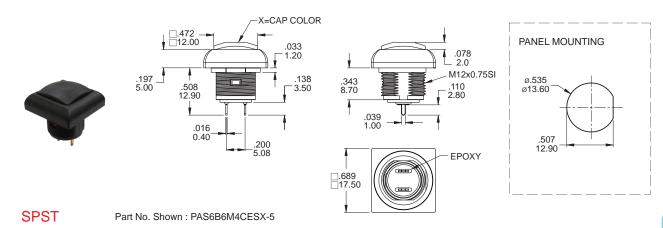


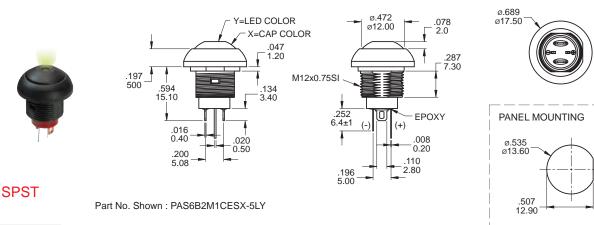


PANEL MOUNTING

SPST

Part No. Shown: PAS6B3M1CESAX-5



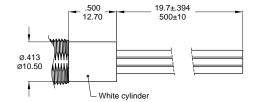


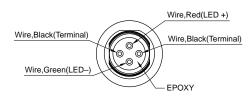
WIRE

Note: When the switches with the wire assembly,we only test the electric conduction and will not test the contact resistance on the wire.





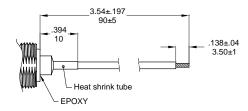


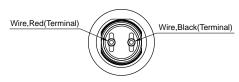


Multi-wire lead AWG20, section 0.6mm², UL approved.
 (Black / Green / Red)





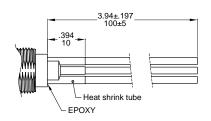


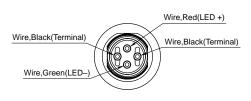


Multi-wire lead AWG20, section 0.6mm², UL approved.
(Black / Red)

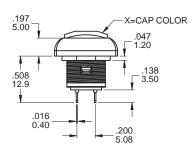


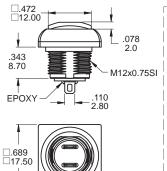


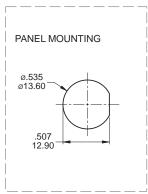




Multi-wire lead AWG20,section 0.6mm²,UL approved. (Black / Green / Red)



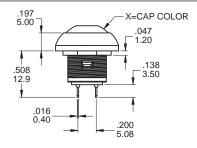


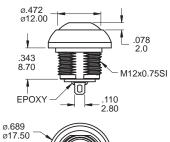


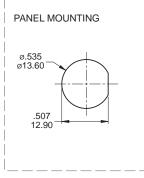
SPST

Part No. Shown: PAS6D1M1CESX-5







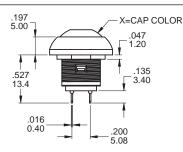


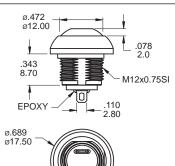
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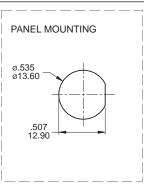
Pushbutton Switches

Part No. Shown: PAS6D2M1CESX-5









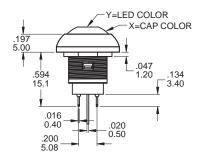
ø.689 ø17.50

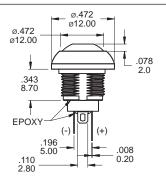
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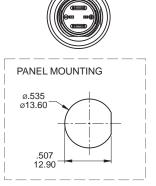
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SPST

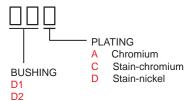






Part No. Shown: PAS6D2M1CESX-5LY

BUSHING PLATING





Chromium



Stain-chromium S

Stain-nickel







SPECIFICATION:

MAX. CURRENT/VOLTAGE RATING WITH RESISTIVE LOAD:

100mA 24VDC-life expectancy 200,000 cycles 2A 125VAC-life expectancy 10,000 cycles INITIAL CONTACT RESISTANCE: $50m\Omega max$. INSULATION RESISTANCE: 1G \(\Omega \text{min.at} \) 500VDC. DIELECTRIC STRENGTH: 1,000 VAC rms.

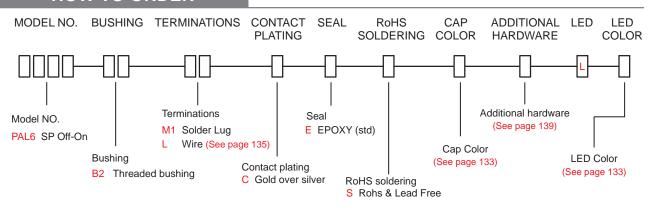
ELECTRICAL LIFE AT FULL LOAD: 200,000 cycles. OPERATING TEMPERATURE: -30°C to 85°C.

PANEL THICKNESS: 1.5 mm (.059) min. -4 mm (.157) max.

TOTAL TRAVEL: 2.5 mm(.098) **OPERATING FORCE: 2N~5N** CONTACT BOUNCE: 10 ms.

MECHANICAL LIFE: 1,000,000 cycles. TORQUE: 0.5 Nm max.applied to nut SOLDERING: 350°C max.for 5 seconds.

HOW TO ORDER



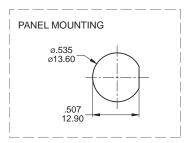
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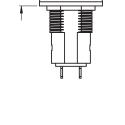
.291 7.40

.500 12.7

SWITCH FUNCTION

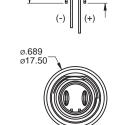
	POS.1	POS.2
MODEL NO.	1	4
PAL6	OFF	ON
TERM. COMM.	OPEN	1-3
SCHEMATIC	OI LIN	• •





Non-LED

.287 7.30





LED CAP

ADDITIONAL HARDWARE

EPOXY

M12x0.75SI

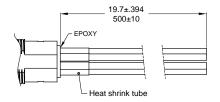
1.M12 X 0.75 NUTS (MNU- PA03) 2.LOCKING WASHER (MNU-1M09) 3.O-RING (FCP-A253)

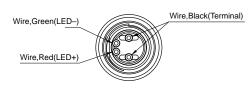
ø.472 ø12.00

O

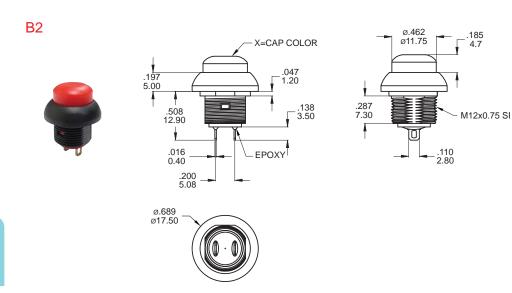
L1

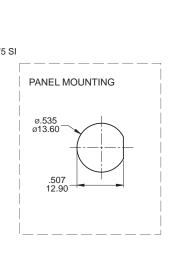


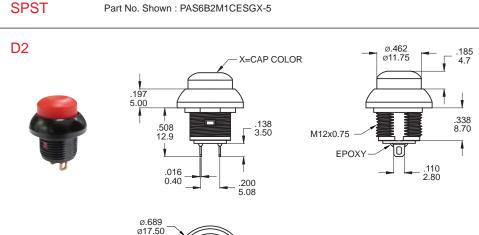


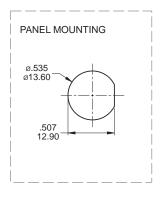


 Multi-wire lead AWG20, section 0.6mm², UL approved. (Black / Green / Red)

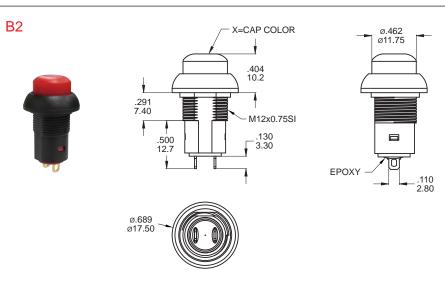


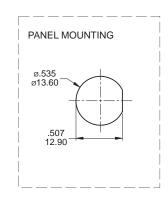










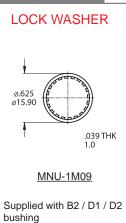


SPST

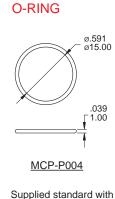
Part No. Shown: PAL6B2M1CESGX-5

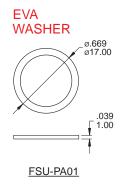
HARDWARE

M12 NUT .630 16.00 M12x0.75 SI .098 2.50









Supplied standard with B1 / B2 options

RUBBER - HOOD

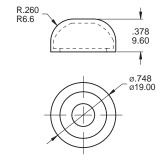
MCP-P003 (Transparent cap)

MNU-PA03









B3 options

SOLDERING PROCESSES

MANUAL SOLDERING: Use soldering iron of 30 watts, controlled

at 350°C approximately 5 seconds while

applying solder.

WAVE SOLDERING:

Recommended Soldering Temperature: 260 ± 5°C

Duration of Solder Immersion: Max 5 sec.

(PCB is 1.6mm in thickness)

