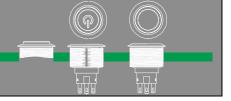


\varnothing 25mm Metal Pushbutton Switches – PB25 series



models available,

consult sales representatives.

SPECIFICATIONS

RATING: Ith 5A/250VAC resistive load 3A/250VAC

CONTACT RESISTANCE: 50mΩ max. @1A 12VDC(initial value)

INSULATION RESISTANCE: 1,000 MΩ min. at 500VDC DIELECTRIC STRENGTH: 2,000V RMS@sea level OPERATING TEMPERATURE: -20°C to 55°C MECHANICAL LIFE: Momentary 1,000,000 cycles

Self-lock 500,000 cycles

ELECTRICAL LIFE: 50,000 make-and-break cycles at full load.

TORQUE: 5~14Nm

OPERATION PRESSURE: 1 pole 2.5±1N/ 2 poles 3.5±1N

TRAVEL: About 3.2mm

INGRESS PROTECTION: IP67, IK08(Stainless).

MATERIALS

BUSHING: Stainless Steel/ Aluminum alloy **BASE**: PBT(UL 94-V0), PC(UL 94-V2)

ACTUATOR: PC; Stainless Steel/ Aluminum alloy

INNER ASSEMBLY: POM/PA66

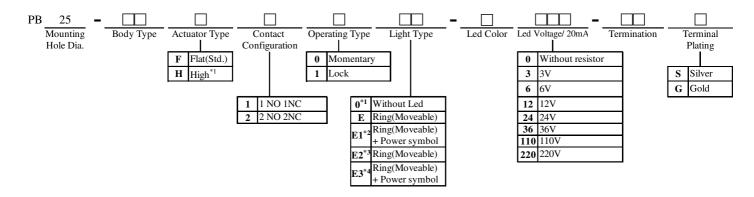
SPRING: Spring steel **SEALING**: Silicone **O-Ring**: Silicone

TERMINAL: Brass, silver or gold plated

CONTACT: Brass, coin sliver, silver or gold plated

HEX NUT: Nickel plated brass

PART NUMBERING SYSTEM



^{*1} For actuator type H only. Actuator type H is only available with aluminum body without LED.

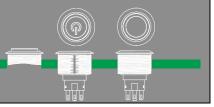
^{*2} Light type E1 is only available with D0 body type. Only white ring with all LED colors.

^{*3} Light type **E2** with LED is only available with color red/green/blue and **A0** body type.

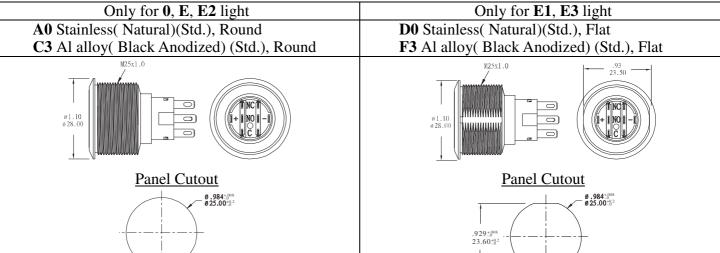
^{*4} Light type E3 with LED is only available with color red/green/blue and D0 body type.



Ø25mm Metal Pushbutton Switches – PB25 series

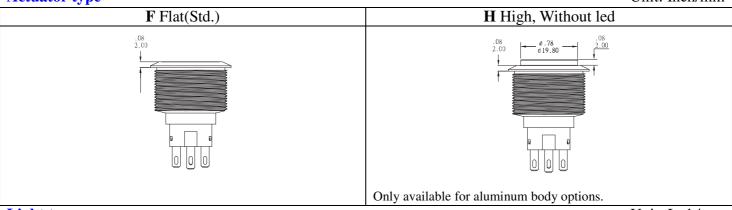


Unit: Inch/mm **Body type**

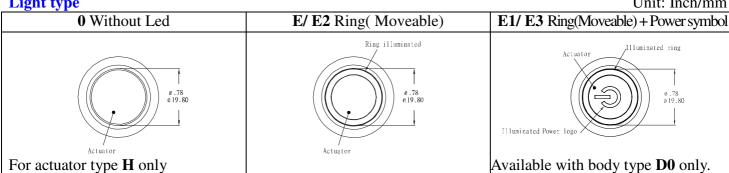


Panel thickness: .394 inch(10.0mm) Max.

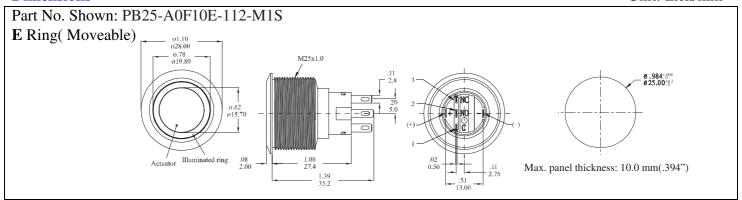
Unit: Inch/mm **Actuator type**



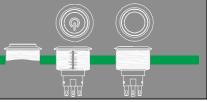
Unit: Inch/mm Light type



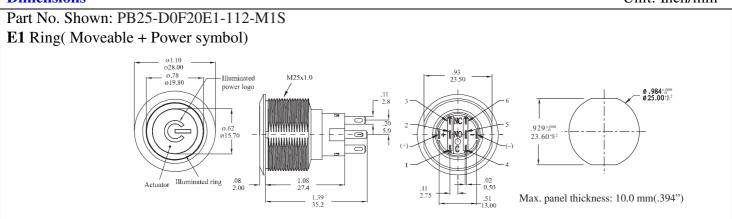
Dimensions Unit: Inch/mm



Ø25mm Metal Pushbutton Switches – PB25 series



DimensionsUnit: Inch/mm



LED Color

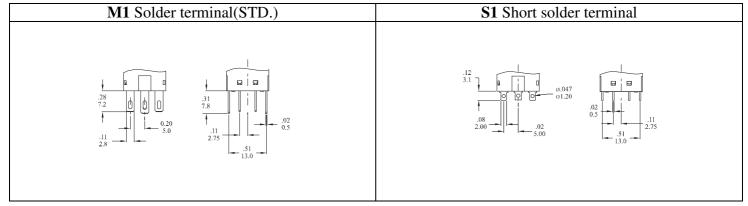
Single color Led						
0	Without Led	5	Yellow			
1	White	6	Green			
3	Red	7	Blue			

Dual color Led					
A	Red + Green	G	Red + Yellow	P	Blue + Green
В	Red + Blue	Н	Green + Yellow		
D	Blue + Yellow	J	Orange + Green		

Circuit

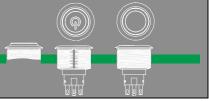
Without Led	Single color Led	Dual color Led	
Single pole	Single pole	Single pole	
POSITION 1 POSITION 2	POSITION 1 POSITION 2	POSITION 1 POSITION 2	
		R S Green R S Green Green	
<u>Double pole</u>	Double pole	Double pole	
POSITION 1 POSITION 2	POSITION 1 POSITION 2	POSITION 1 POSITION 2	
		Red Green R Green R Green R Green	

Termination Unit: Inch/mm

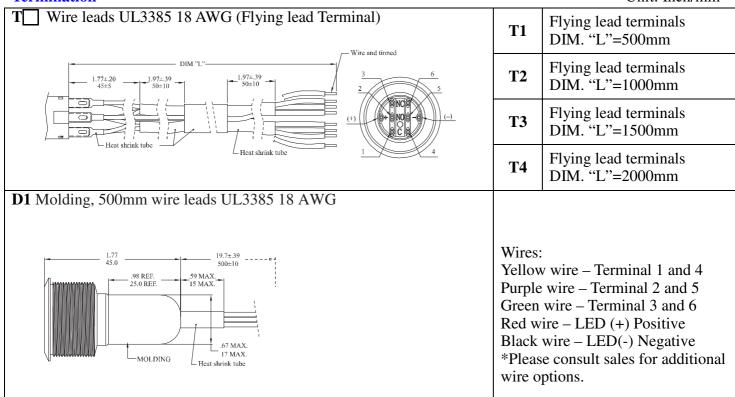




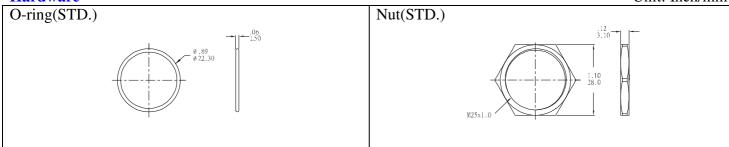
Ø25mm Metal Pushbutton Switches – PB25 series



Termination Unit: Inch/mm



Hardware Unit: Inch/mm



O-ring installation

O-ring installation							
Proposal	In front of the panel	Behind the panel					
Installation diagram	O-RING O-RING	O-RING					