

SEALED DOME ILLUMINATED PUSHBUTTONS

MOMENTARY ACTION, ATTRACTIVE & HIGHLY RUGGEDIZED FOR WET & DUSTY ENVIRONMENTS

The LP7-D series pushbutton switches feature a contoured dome style pushbutton. While sharing similar size and characteristics to the P9 series, the LP7-D offers added durability with its anodized aluminum alloy case.

Button versions include flush dome and raised dome. The switch series features short behind panel depth. They also offer excellent mechanical and electrical performance while operating under severe conditions found in demanding applications.

The LP7-D Dome series offers one million mechanical operations and an electrical life of 25,000 operations.

The LP7-D Dome series is a quality precision switch designed for use in panels, control grips, computers, instruments, heavy equipment and other demanding applications where attractive, highly ruggedized pushbutton switches are required.

The LP7-D series is manufactured to the highest standards and built to withstand harsh environments, offering anodized aluminum alloy cases with seal options of dusttight to IP64 or watertight to IP68S. The LP7-D series offers long life LED lighting in a variety of colors and can accommodate 2 & 12VDC power.

Features:

- Attractive dome style button
- Watertight to IP68S; dusttight to IP64
- LED illuminated with the ability to accommodate 2 & 12VDC power
- Flush and raised buttons in glossy or matte finish available in a variety of colors
- 15/32" threaded case style
- RoHS/WEEE/Reach compliant



Flush Dome

Also available with
Raised Dome

Standard Characteristics/Ratings:

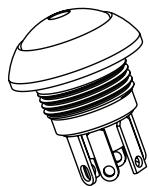
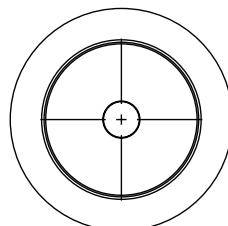
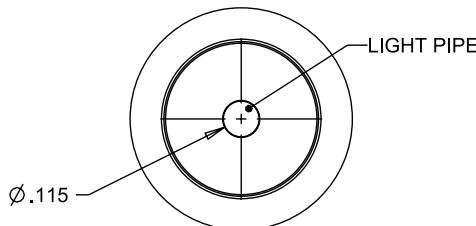
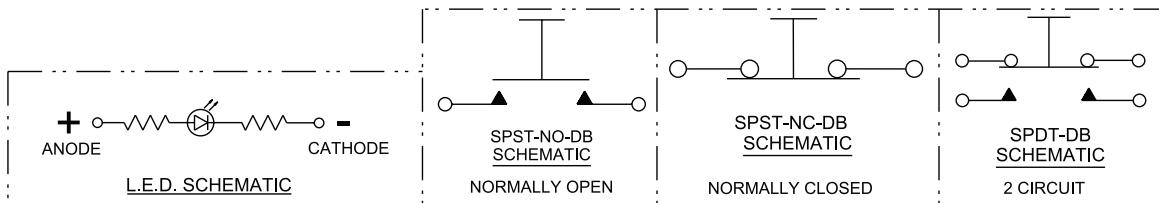
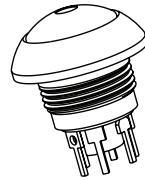
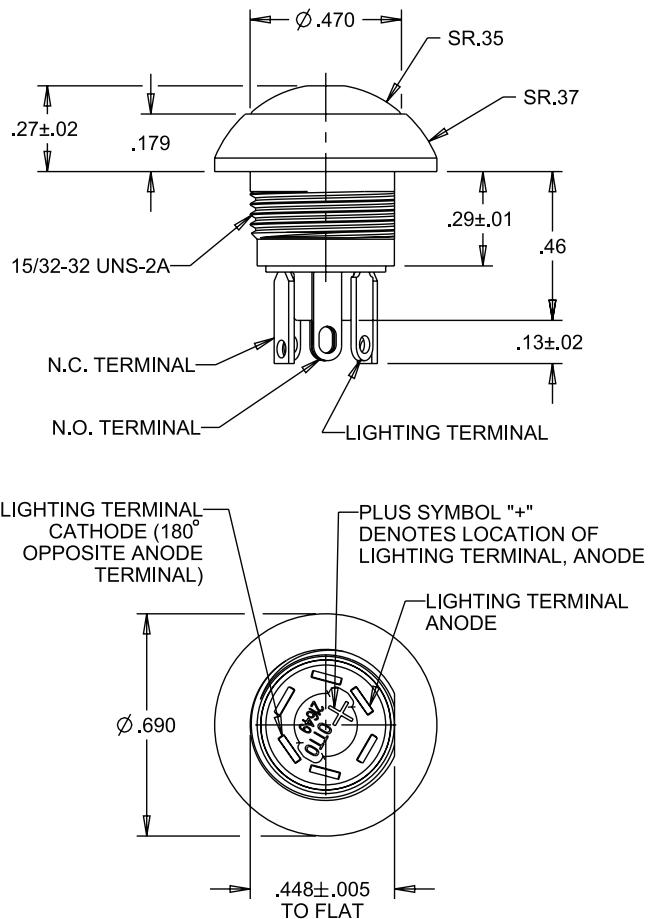
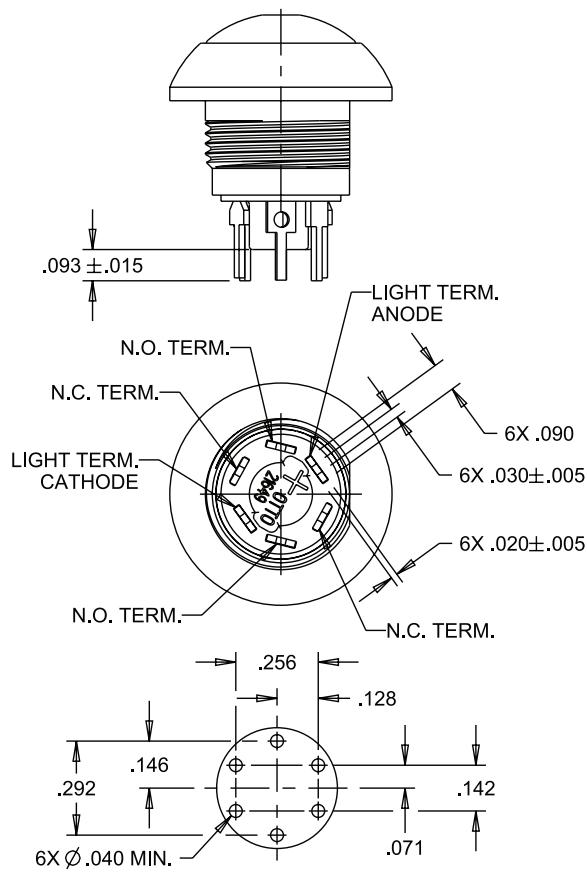
ELECTRICAL RATINGS:		Sea Level @ 28VDC or 115VAC	
Load	N.O./N.C.	S.P.D.T	
Resistive	5A	4A	
Inductive	3A	2A	
Motor	3A	N/A	
DVW	1050Vrms through switch contacts only		
Low Level	10mA @ 30mV		
Electrical Life:	25,000 cycles		
LIGHTING:			
Light Source Voltage (DC)	Actual Voltage Nominal (DC)	Voltage Max (DC)	
2	2	2.6	
12	13.5	14.5	
Mechanical Life:	1,000,000 cycles		
Seal:	IP64 or IP68S		
Operating Temp Range:	-40°C to +85°C		
Operating Force:	1.7 lbs. ± 0.5 lbs.		
Total Travel:	0.080 inches max		
Overtravel:	0.010 inches min		
MATERIALS:			
Case:	Anodized aluminum alloy		
Button:	Thermoplastic		
Terminals:	Silver with gold plate		
Mounting Hardware:	Hex nut, lockwasher and panel seal gasket		

LP7-D PART NUMBER CODE

LP7-D	X	X	X	X	X	X	X
Button Style	Terminal Style/Seal	Circuit Form	Contact Rating	Light Source*	Case Color	Button Color	
1. Flush	1. Standard Solder Terminal	1. N.O.	1. Standard Current	A. 2V Red LED	1. Clear	1. Red	
2. Raised	Dusttight	2. N.C.	2. Low Level Current	B. 2V Green LED	2. Black	2. Black	
3. Flush Matte	2. Standard Solder Terminal	3. 2 Circuit		C. 2V Amber LED	3. Orange	3. Orange	
4. Raised Matte	Watertight			D. 2V Blue LED	4. Yellow	4. Yellow	
	3. P.C. Pin Terminal			E. 2V White LED	5. Green	5. Green	
	Dusttight			F. 12V Red LED	6. Blue	6. Blue	
	4. P.C. Pin Terminal			G. 12V Green LED	7. Violet	7. Violet	
	Watertight			H. 12V Amber LED	8. Gray	8. Gray	

* For additional LED lighting options, contact factory.

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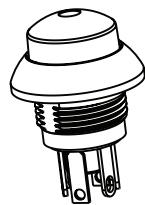
LP7-D FLUSH BUTTON
ROUND THREADEDSTANDARD TERMINALS
(TERMINALS NOT ORIENTED TO CASE FLAT)P.C. TERMINALS
(ORIENTATED TO CASE FLATS AS SHOWN)COMPONENT SIDE P.C. MOUNTING PATTERN,
CASE FLAT ON RIGHT AS DEPICTED IN SWITCH VIEW

SEALED DOME ILLUMINATED PUSHBUTTONS

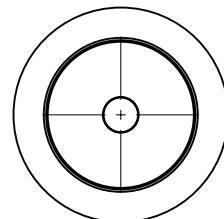
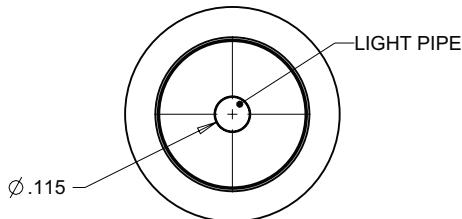
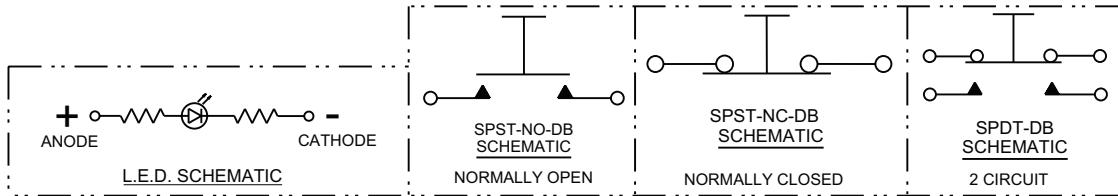
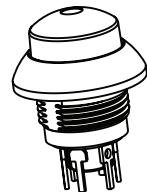
LP7-D

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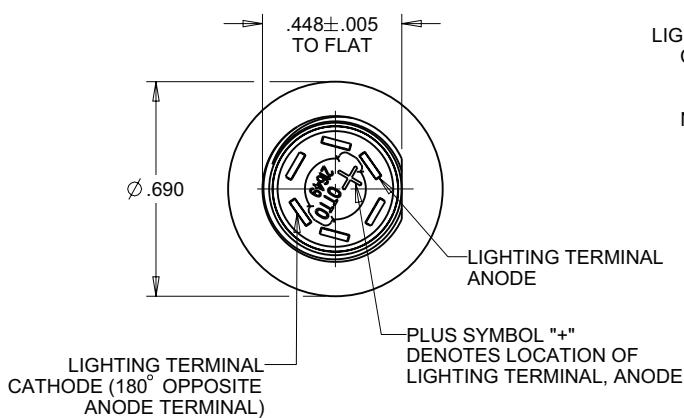
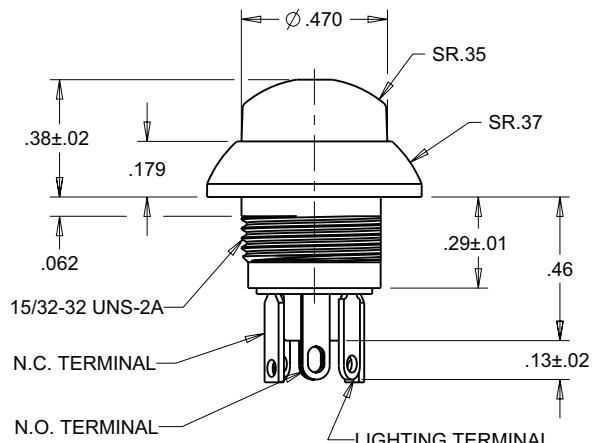


LP7-D RAISED BUTTON ROUND THREADED



STANDARD TERMINALS

(TERMINALS NOT ORIENTED TO CASE FLAT)



P.C. TERMINALS

(ORIENTATED TO CASE FLATS AS SHOWN)

