

ALTERNATE ACTION RING ILLUMINATED, STAINLESS STEEL CASE & BUTTON



High Profile
Curved Button

The LP5-V series is an alternate action switch that has been designed to provide attractive, lighted position indication for applications in harsh environments, where security and reliability are paramount. The series features both aluminum and stainless steel cases watertight to IP68S. Momentary action is available in the LP3-V series.

This high reliability switch offers the durability and ruggedness our customers have come to expect with the added benefit of illumination. Ideal for marine, off-highway and industrial control applications that require an illuminated switch.

This switch offers positive tactile feedback, less than 25mΩ contact resistance, and a variety of LED colors available in both flat and domed actuator bezel shapes.

Features:

- Security (aluminum) or vandal resistant (stainless steel) case & button
- Ring illuminated
- Watertight to IP68S
- RoHS & WEEE compliant
- Less than 25mΩ contact resistance
- Variety of button options
- Variety of LED colors
- Drop in replacement to the P5-V series
- UL component recognized
- UL1500 ignition protected

Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC or 115VAC, 60/400Hz
Resistive	5A
Inductive	3A
Lamp	1A
Motor	3A
DVV	1050Vrms
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
6	7	8
12	13.5	14.5
24	28	28.6

Mechanical Life: 200,000 cycles

Seal: IP64 or IP68S

Operating Temp Range: -55°C to +85°C

Operating Force: 3.0 lbs. +1.0/-0.5 lb.

Total Travel: 0.180 inches max

Overtravel: 0.012 inches min

MATERIALS:

Case:	Stainless steel
Button:	Thermoplastic
Center Cap:	Stainless steel or aluminum
Terminals:	Standard silver plate with optional gold plating for low level applications
Mounting Hardware:	Hex nut, lockwasher and panel seal gasket

LP5-V PART NUMBER CODE

Type	Case Style	Circuit Rating	Light Source Type* w/ Rev. Pol Protection	Seal Level	Case/Center Cap Color	Button Profile
A. Aluminum	1. 5/8-24 & Hex Nut	0. Indicator Light	A. 2V Red LED	2. Dusttight	1. Silver	1. High Profile
V. Stainless	2. 5/8-24 & Knurl Nut	1. SPST/Std.	B. 2V Green LED	3. Watertight	2. Black**	Flat Button
	3. 5/8-24 W/D-Flat & Hex Nut	2. SPDT/Std.	C. 2V Amber LED			2. High Profile
	4. 5/8-24 W/D-Flat & Knurl Nut	3. SPST/Low Level	D. 6V Red LED			Curved Button
	5. 3/4-20 & Hex Nut	4. SPDT/Low Level	E. 6V Green LED			3. Low Profile
	6. 3/4-20 & Knurl Nut		F. 6V Amber LED			Flat Button
	7. 3/4-20 W/D-Flat & Hex Nut		G. 12V Red LED			4. Low Profile
	8. 3/4-20 W/D-Flat & Knurl Nut		H. 12V Green LED			Curved Button
			J. 12V Amber LED			5. Flush Profile
			K. 24V Red LED			Flat Button
			L. 24V Green LED			
			M. 24V Amber LED			
			N. 2V Blue LED			
			P. 6V Blue LED			
			Q. 12V Blue LED			
			R. 24V Blue LED			

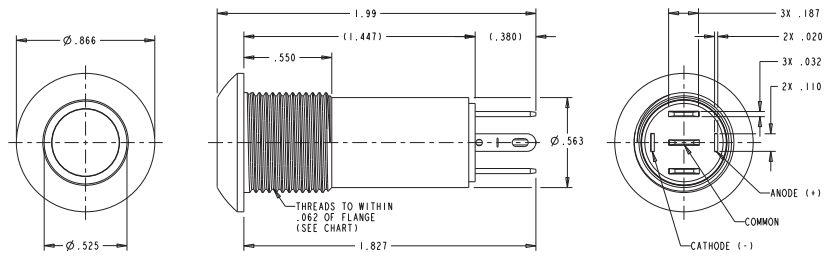
* For additional LED lighting options, contact factory.
** Only available on LP5-A styles.

ILLUMINATED VANDAL RESISTANT PUSHBUTTONS

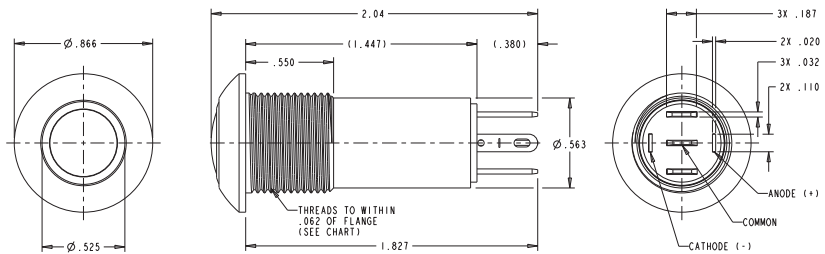
LP5-V
ILLUMINATED
VANDAL RESISTANT
PUSHBUTTONS

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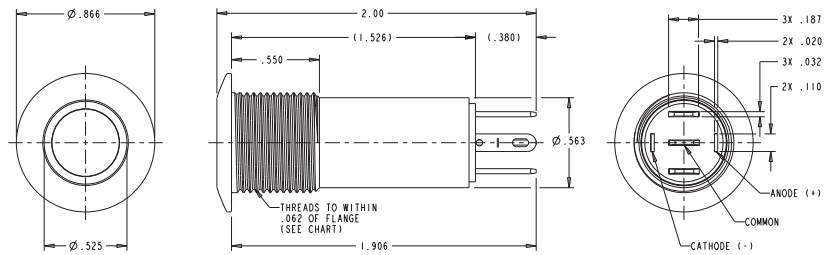
High Profile Flat Button
Style 1



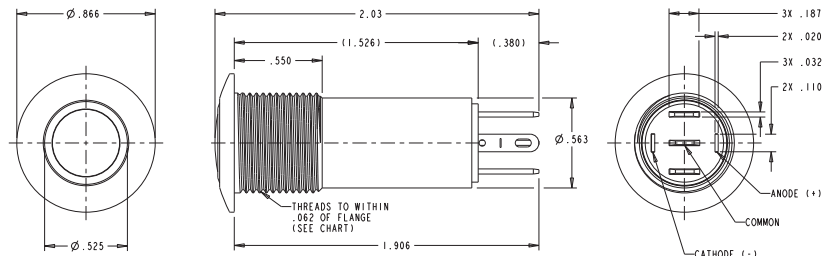
High Profile Curved Button
Style 2



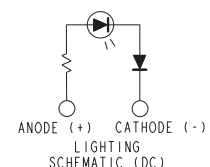
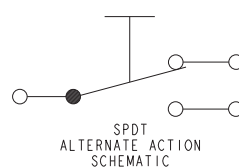
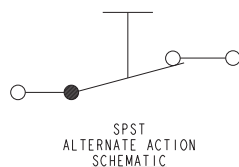
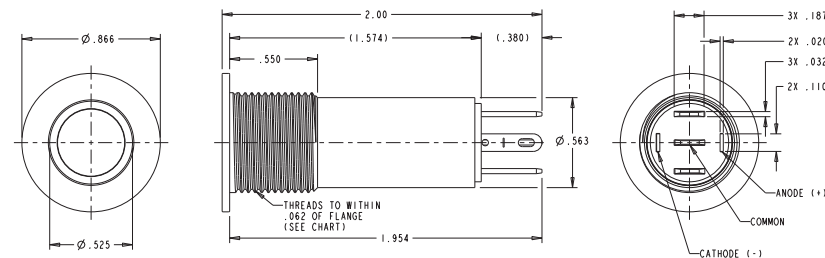
Low Profile Flat Button
Style 3



Low Profile Curved Button
Style 4



Flush Profile Flat Button
Style 5



Mouser Electronics

Authorized Distributor

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OTTO:

LP5-V12L215