ALTERNATE ACTION RING ILLUMINATED, METAL 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. UL1500 ignition protected. 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**
- **Less than 25mΩ contact resistance**
- **Variety of button options and LED colors**
- **Drop in replacement to the P5-V series**
- **UL recognized & CSA certified**
- **RoHS/WEEE/Reach compliant**

Standard Characteristics/Ratings:	
ELECTRICAL RATINGS:	
Load	**Sea Level @ 28VDC or 115VAC, 60/400Hz**
Resistive	5A
Inductive	3A
Lamp	1A
Motor	3A
DWV	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
6	7	8
12	13.5	14.5
24	28	28.6

Mechanical Life:	200,000 cycles
Seal:	IP64 or IP68S
Operating Temp Range:	-40°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 or anodized aluminum alloy
Button:	Thermoplastic
Center Cap:	Stainless steel or aluminum
Terminals:	Standard and low level options available
Mounting Hardware:	Hex nut, lockwasher and panel seal gasket

LP5-V PART NUMBER CODE

LP5 – X X X X X X X

Type

A. Aluminum
V. Stainless

Case Style

1. 5/8-24 & Hex Nut
2. 5/8-24 & Knurl Nut
3. 5/8-24 W/D–Flat & Hex Nut
4. 5/8-24 W/D–Flat & Knurl Nut
5. 3/4-20 & Hex Nut
6. 3/4-20 & Knurl Nut
7. 3/4-20 W/D–Flat & Hex Nut
8. 3/4-20 W/D–Flat & Knurl Nut

Circuit Rating

0. Indicator Light
1. SPST/Std.
2. SPDT/Std.
3. SPST/Low Level
4. SPDT/Low Level

Light Source Type* w/ Rev. Pol Protection

A. 2V Red LED
B. 2V Green LED
C. 2V Amber LED
D. 6V Red LED
E. 6V Green LED
F. 6V Amber LED
G. 12V Red LED
H. 12V Green LED
J. 12V Amber LED
K. 24V Red LED
L. 24V Green LED
M. 24V Amber LED
N. 2V Blue LED
P. 6V Blue LED
Q. 12V Blue LED
R. 24V Blue LED
S. 2V Deep Green
T. 6V Deep Green
U. 12V Deep Green
V. 24V Deep Green

Seal Level

2. Dusttight
3. Watertight

Case/Center Cap Color

1. Silver
2. Black**

Button Profile

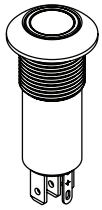
1. High Profile Flat Button
2. High Profile Curved Button
3. Low Profile Flat Button
4. Low Profile Curved Button
5. Flush Profile Flat Button

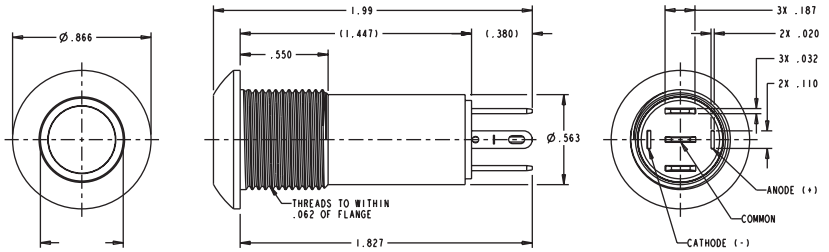
* For additional LED lighting options, contact factory.
** Only available on LP5-A styles.

ILLUMINATED VANDAL RESISTANT PUSHBUTTONS

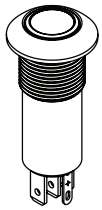
ALTERNATE ACTION RING ILLUMINATED, STAINLESS STEEL CASE & BUTTON

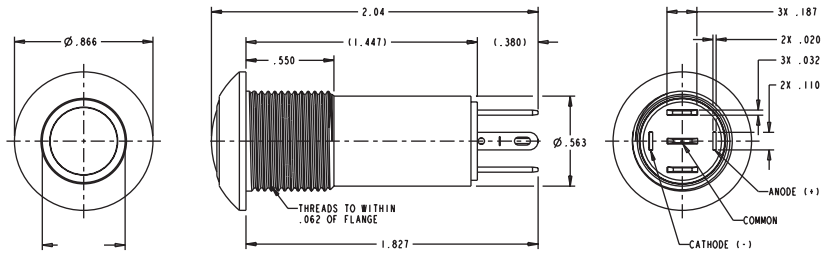
High Profile Flat Button
Button Profile Style 1



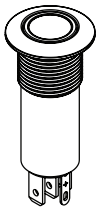


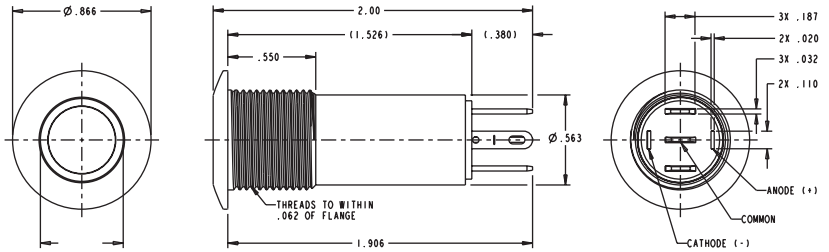
High Profile Curved Button
Button Profile Style 2



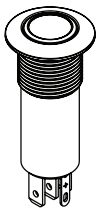


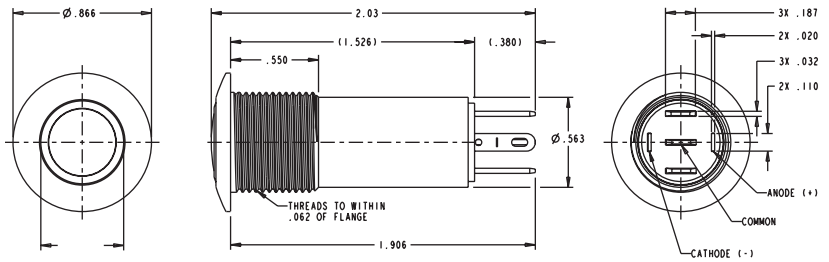
Low Profile Flat Button
Button Profile Style 3



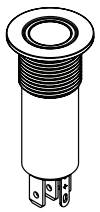


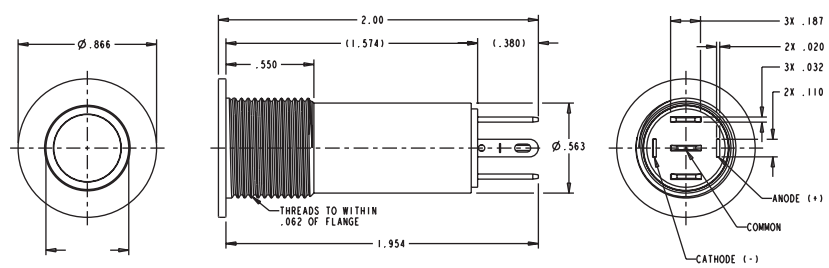
Low Profile Curved Button
Button Profile Style 4

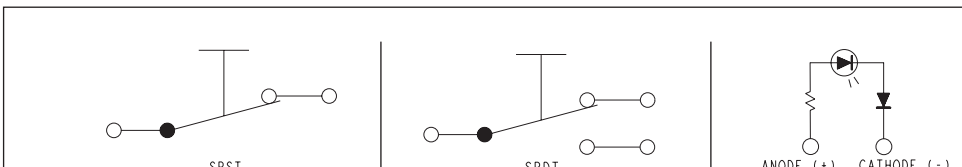




Flush Profile Flat Button
Button Profile Style 5







Specifications Subject To Change Without Notice

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

OTTO:

LP5-61B32W LP5-V11A312 LP5-V11B312 LP5-V11C312 LP5-V11N312 LP5-61A32R LP5-43K22R LP5-F1A32R LP5-F1B32W LP5-61C32A LP5-F1C32A LP5-V31Q312 LP5-A11G322 LP5-V12K314 LP5-A52H313 LP5-A11H214 LP5-V71G312 LP5-V32H314 LP5-V51Q315 LP5-V52H313 LP5-V12H311 LP5-V22G212 LP5-A21Q212 LP5-A52H312 LP5-V21N313 LP5-V31Q314 LP5-A13A315 LP5-A11G211 LP5-A11K315 LP5-A31B324 LP5-V11H312 LP5-V12A213 LP5-V21L314 LP5-V74H314 LP5-V11L311 LP5-V31N313 LP5-V51L313 LP5-V31H312 LP5-V12G314 LP5-V12Q311 LP5-V12G312 LP5-A31Q215 LP5-A31Q225 LP5-A32L323 LP5-A32Q321 LP5-V10H311 LP5-V11L312 LP5-A51Q314 LP5-A52J313 LP5-A52Q313 LP5-A31K324 LP5-A52G313 LP5-A31L313 LP5-V32Q312 LP5-V51Q312 LP5-A11A215 LP5-A11J312 LP5-A13B223 LP5-A21L212 LP5-A11J211 LP5-V11G314 LP5-V11L314 LP5-V11P312 LP5-V12E312 LP5-V31Q313 LP5-V71Q312 LP5-V31P315 LP5-V31G312 LP5-A11H211 LP5-A11H324 LP5-V41H211 LP5-V11C211 LP5-V11C212 LP5-V12P312 LP5-V71L312 LP5-V51R313 LP5-A32J224 LP5-V32G312 LP5-A11R214 LP5-V11Q314 LP5-V52B215 LP5-V22N312 LP5-A11G312 LP5-A11Q324 LP5-V31P313 LP5-A11Q211 LP5-A11G321 LP5-A71G315 LP5-V12K315 LP5-V52K312 LP5-V52L312 LP5-V71G315 LP5-A11Q312 LP5-V11L211 LP5-A31R313 LP5-V11R211 LP5-V31H313 LP5-A11H322 LP5-A12J221 LP5-R3G32W-M8