

RP8700 SERIES PUSHBUTTON SWITCH



SPECIFICATIONS

Contact Arrangement: SPST
Contact Rating: 400mA @32VAC Max., 125mA @125VAC Max.
 200mA @50VDC Max.
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1GΩ min/500V
Dielectric Strength: 1500VAC (50Hz or 60Hz)
Electrical/Mechanical Life: 500,000/1,000,000 cycles
Operating/Storage Temperature: -30°C to 85°
Travel: 1.5mm
Moisture Protection: IP68
Actuation Force: 3-6N

FEATURES & BENEFITS

Threaded mount
500,000 life expectancy
Multiple Termination options
LED illumination options
Sealed to IP68 ratings
Molded back w/ wired connector (300mm long) optional

PART NUMBER CONFIGURATOR

Series	Function	Bushing	Termination	Contact Material	Seal	Housing Color	Cap Color	LED
☐ RP8700 RP8701 (High cap)* RP8702 (Round)*	☐ A - Off-(On) B - On-(Off)*	☐ B2 - Threaded (12 x 0.75)	☐ M1 - 3.5mm Solder Lug M2 - 5.50 high, Solder lug ** M3 - 8.20 high, Solder lug ** M4 - PC thru-hole ** C - 300mm Wire w/Connector	☐ C - Gold Over Silver	☐ E - Epoxy Sealed	☐ BLK - Black	☐ WHT - White BLK - Black RED - Red ORG - Orange YEL - Yellow GRN - Green BLU - Blue	☐ NIL - Non Illuminated WHT - White LED RED - Red LED YEL - Yellow LED GRN - Green LED BLU - Blue LED RG - Red/Green LED

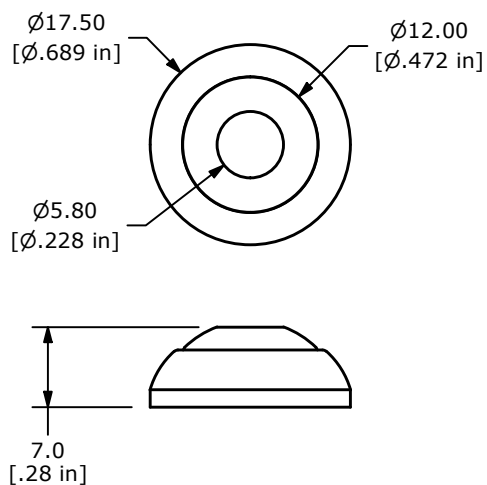
NOTES:
 *Not available with LED
 ** Only available for Non-illuminated Function A

Specifications subject to change without notice 10/7/2025

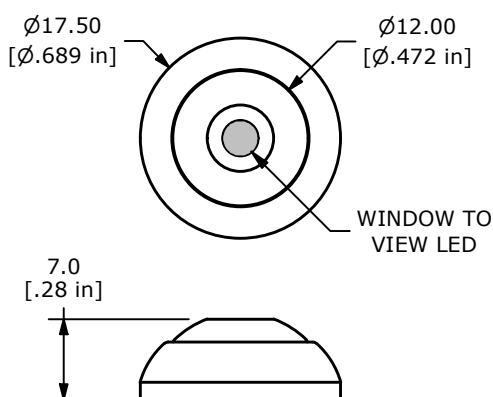
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ACTUATOR OPTIONS

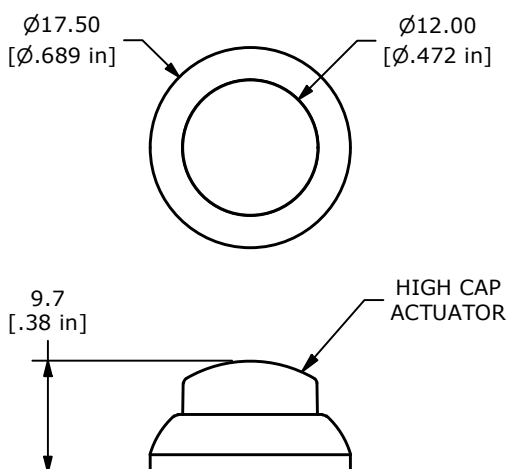
RP8700



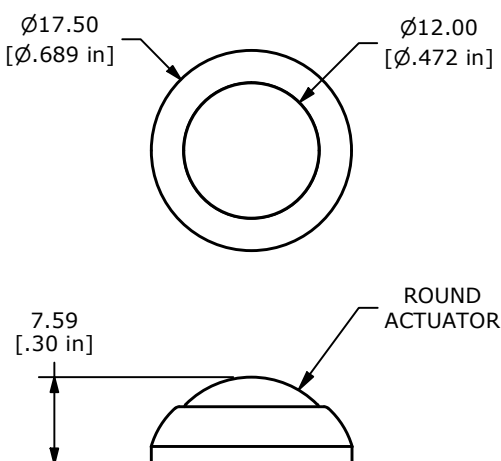
RP8700 LED ONLY WITH FUNCTION A



RP8701 HIGH CAP ONLY WITH NON-ILLUMINATED FUNCTION A



RP8702 ROUND CAP ONLY WITH NON-ILLUMINATED FUNCTION A

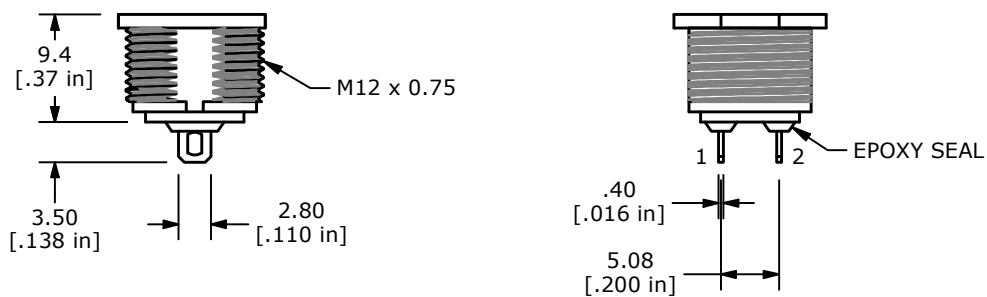




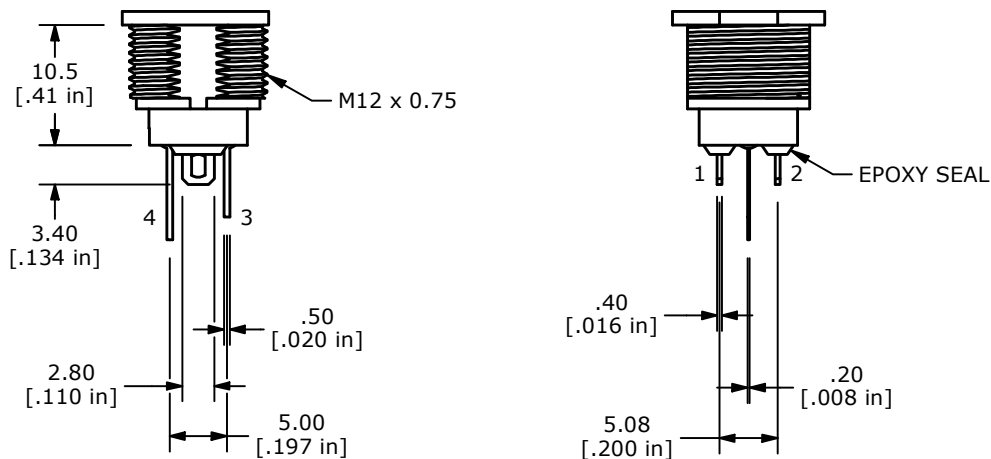
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TERMINATION OPTIONS

M1 - 3.5MM SOLDER LUG NON-ILLUMINATED



M1 - 3.5MM SOLDER LUG ILLUMINATED



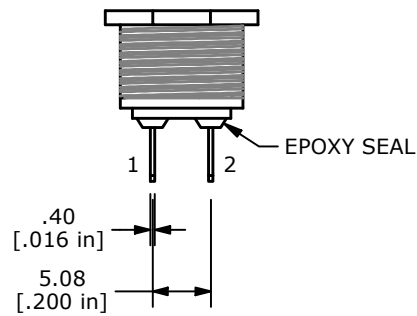
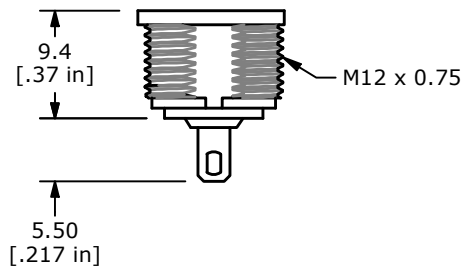


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TERMINATION OPTIONS

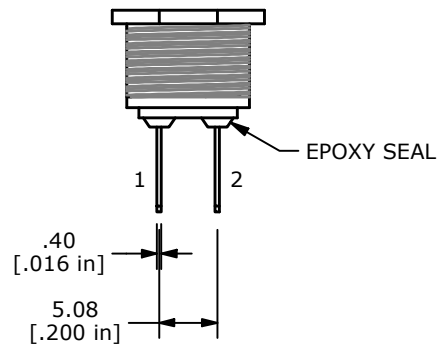
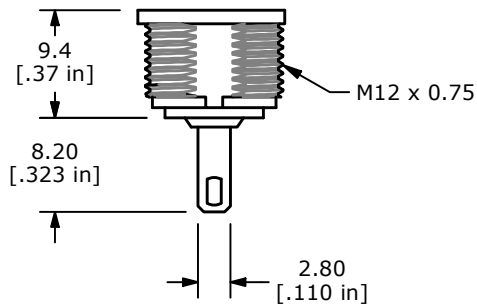
M2 - 5.5MM HIGH SOLDER LUG

ONLY AVAILABLE WITH NON-ILLUMINATED FUNCTION A



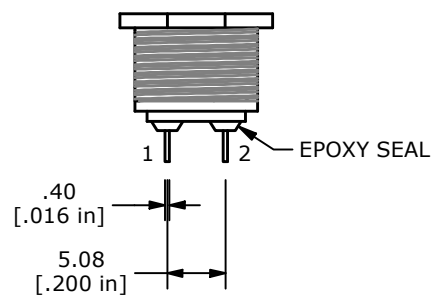
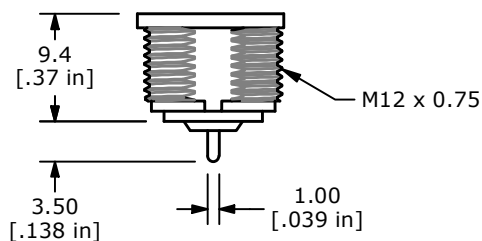
M3 - 8.2MM HIGH SOLDER LUG

ONLY AVAILABLE WITH NON-ILLUMINATED FUNCTION A



M4 - PC THRU HOLE

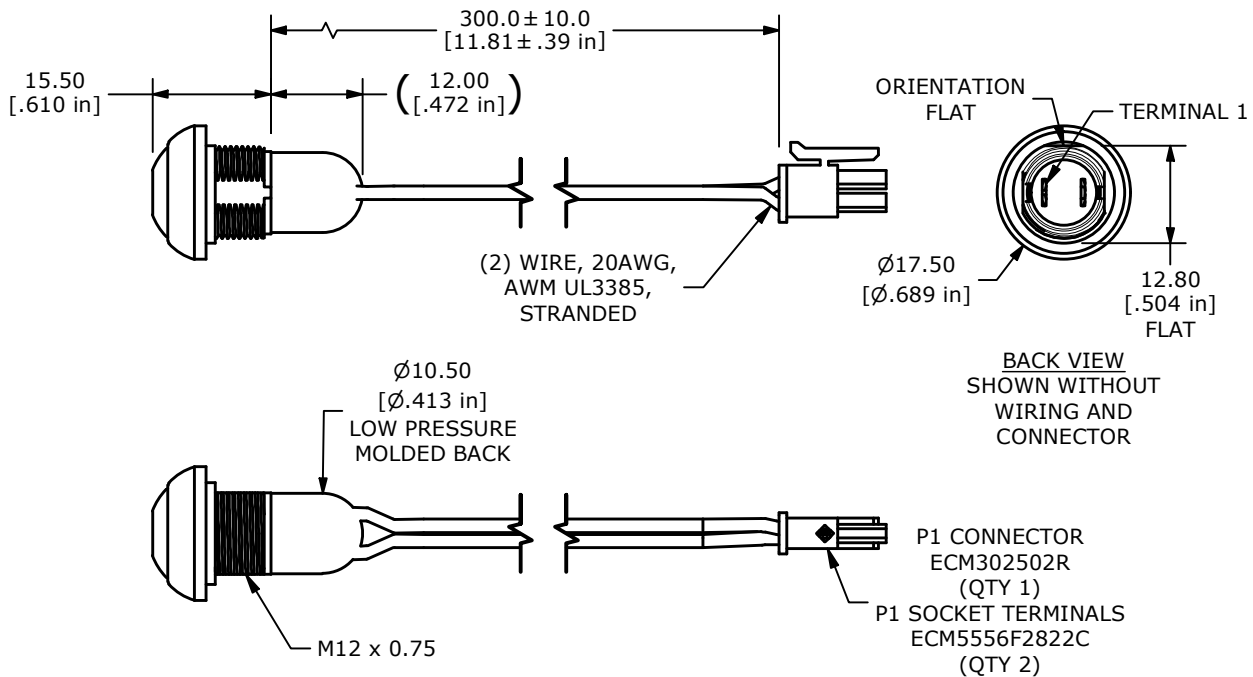
ONLY AVAILABLE WITH NON-ILLUMINATED FUNCTION A



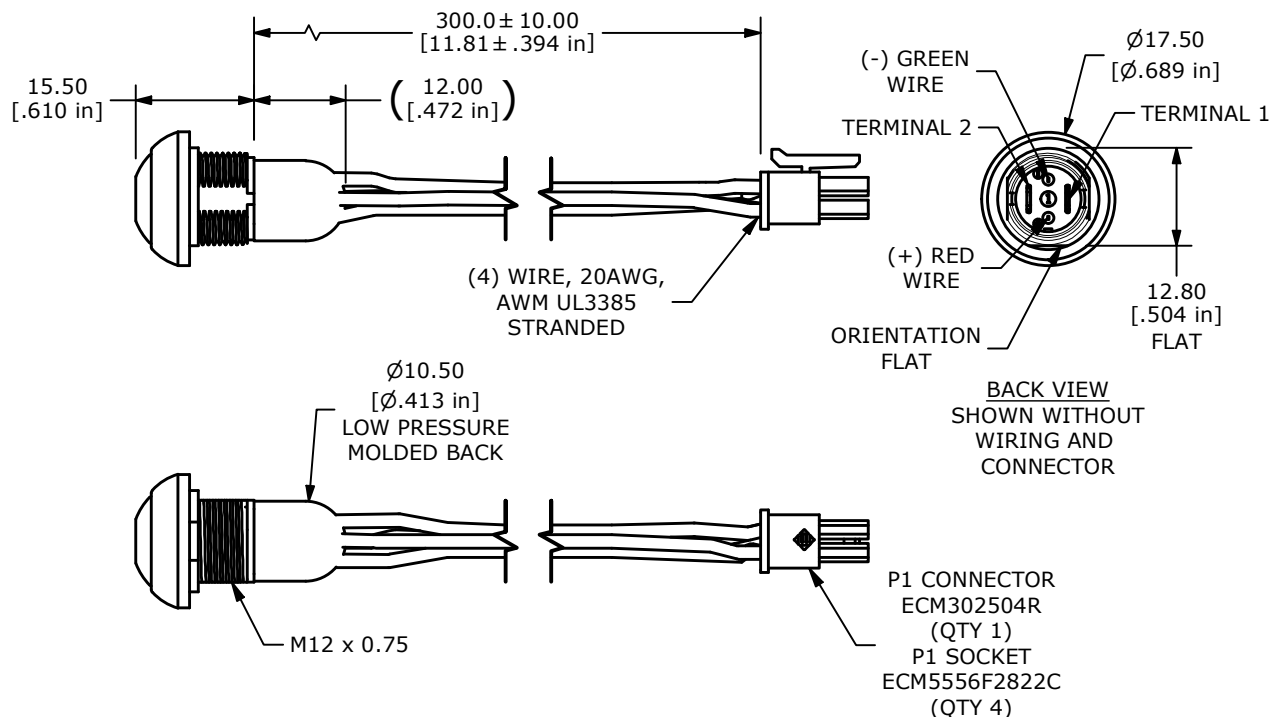
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WIRED TERMINATION OPTIONS

NON-LED



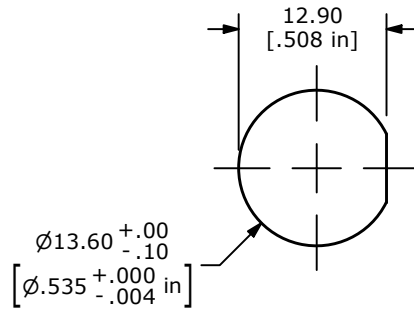
LED





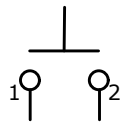
RP8700 SERIES PUSHBUTTON SWITCH

RECOMMENDED CUTOUT



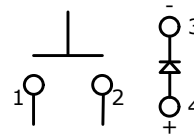
SCHEMATIC OPTIONS

NON-LED

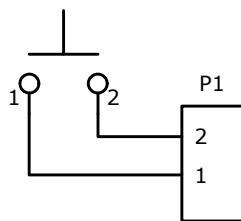


LED

NOT AVAILABLE WITH RP8701 AND RP8702



NON-LED WIRED



LED WIRED

NOT AVAILABLE WITH RP8701 AND RP8702

