

SERIES RP8100 SWITCHES

PUSHBUTTON SWITCHES - ROUND ILLUMINATED



FEATURES & BENEFITS

- ▶ Threaded or snap in panel mount
- ▶ Extended Operating life -500k cycles
- ▶ LED illuminated option
- ▶ Sealed to IP67

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Audio
- ▶ Appliance
- ▶ Instrumentation
- ▶ Consumer Electronics

SPECIFICATIONS

Contact Rating:	125mA @ 125 VAC 100mA @ 50 VDC
Life Expectancy (Electrical):	500,000 cycles at full load
Contact Resistance:	50 mΩ max (initial)
Insulation Resistance:	1,000 MΩ min. @ 500VDC
Dielectric Strength:	1,000 VAC rms.
Operating Force:	300 gf ±100 gf
Operating Temperature:	-30°C to +85°C
Contact Bounce:	10ms MAX
Travel:	1.5mm

MATERIALS

Housing:	Nylon
Button:	Nylon
Terminal Case:	Thermo plastic
Terminals:	Copper alloy, plated
Contact:	Copper alloy, plated



HOW TO ORDER

SERIES RP	MODEL NO. □ □ □ □	BUSHING □ □	TERMINATION □ □	CONTACT MATERIAL □	SEAL □	HOUSING COLOR □ □ □ □	CAP COLOR □ □ □ □	LED COLOR □ □ □ □
	8100	B1 = Snap In B2 = Threaded (12 x .75)	M1 (Std)	C = Gold over silver	E = Epoxy (Std)	BLK = Black (Std)	WHT= White BLK = Black RED = Red ORG = Orange YEL = Yellow GRN = Green BLU = Blue BRW= Brown GRY = Gray	WHT= White RED = Red YEL = Yellow GRN = Green BLU = Blue NIL = Non ILL.



Example Ordering Number

RP-8100-B1-M1-C-E-BLK-RED-RED

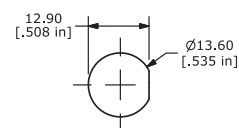
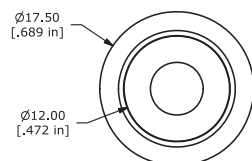
Specifications subject to change without notice.





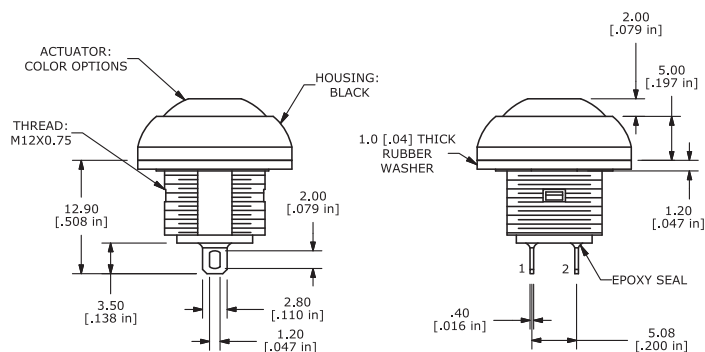
RP 8100

THREADED



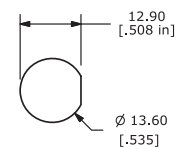
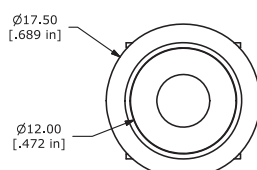
SCHEMATIC

PANEL MOUNTING



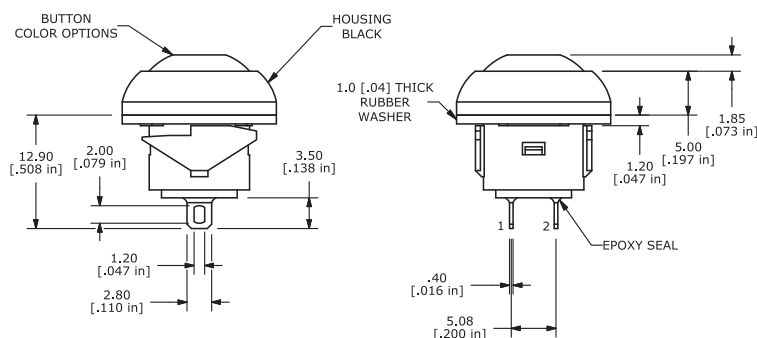
RP 8100

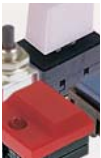
SNAP-IN



SCHEMATIC

PANEL MOUNTING





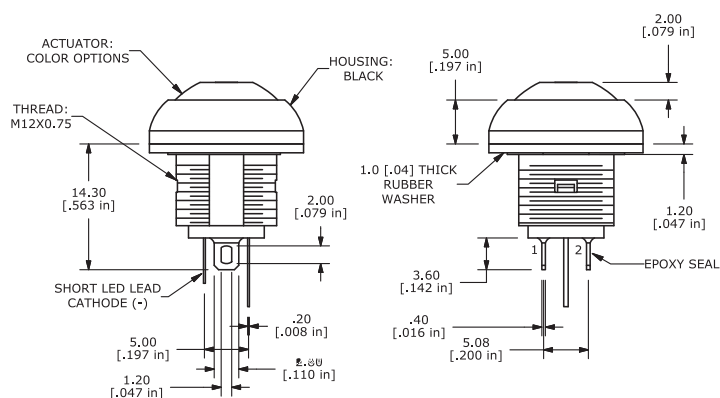
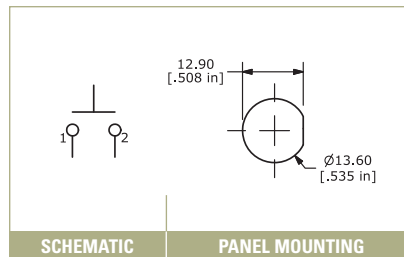
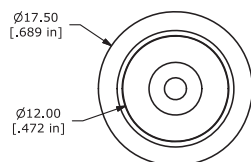
SERIES RP8100 SWITCHES

PUSHBUTTON SWITCHES - ILLUMINATED

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

RP 8100

LED THREADED



RP 8100

LED SNAP-IN

