

RP8300 SERIES PUSHBUTTON SWITCH

ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



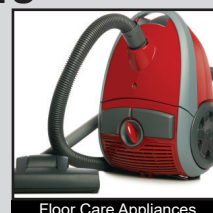
APPLICATIONS / MARKETS



Audio / Visual



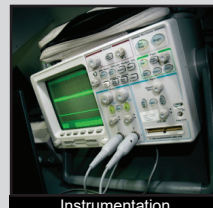
Electrical Housewares



Floor Care Appliances



White Goods



Instrumentation



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating:

500mA @ 48 VAC, 200mA @ 50 VDC, 200mA @ 250 VAC

Life Expectancy: 500,000 Cycles

Contact Resistance: 50mΩ Max.

Insulation Resistance: 1,000MΩ Min. @ 500VDC

Dielectric Strength: 1,500VAC for 1 minute

Operating Temperature: -30°C to 85°C

Travel: 1.5mm

Contact Arrangement: SPST, Off-(On), Momentary

Actuation Force: 350 gf

Panel Thickness: 1.5mm - 4.0mm

Ingress Protection: IP67

FEATURES & BENEFITS

- Threaded mount
- 500,000 life expectancy
- LED illumination options
- Sealed to IP67 ratings
- Metal Diecast housing

PART NUMBER CONFIGURATOR

Series



RP8300
RP8301*

Bushing



B2 - Threaded
(12 x 0.75)

Termination



M1 - Standard

Contact Material



C - Gold Over
Silver

Seal



E - Epoxy
Sealed

Housing Color



BLK - Black*
NIC - Stain Nickel
CHR - Chrome

Cap Color



WHT - White
BLK - Black
RED - Red
ORG - Orange
YEL - Yellow
GRN - Green
BLU - Blue

LED Color



WHT - White LED
RED - Red LED
YEL - Yellow LED
GRN - Green LED
BLU - Blue LED
GY - Green/Yellow LED
RG - Red/Green LED
RB - Red/Blue LED
NIL - Non Illuminated*

*The RP8201 series is only offered with a black housing color and is non-illuminated.

Specifications subject to change without notice 9.25.2019



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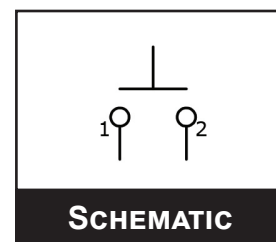
ANTI-VANDAL SWITCHES	DETECTOR SWITCHES	DIP SWITCHES	KEYLOCK SWITCHES	NAVIGATION SWITCHES	PUSHBUTTON SWITCHES	ROCKER SWITCHES	ROTARY SWITCHES	SLIDE SWITCHES	SNAP ACTION SWITCHES	TACTILE SWITCHES	TOGGLE SWITCHES	CAP SWITCHES
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LED SCHEMATIC

12.90
[.508 in]

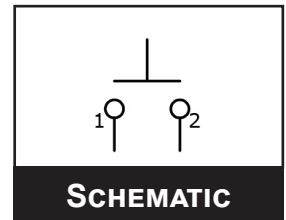
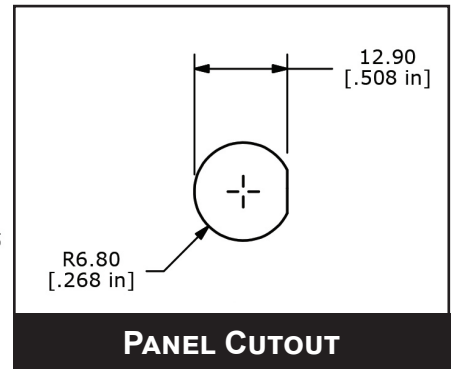
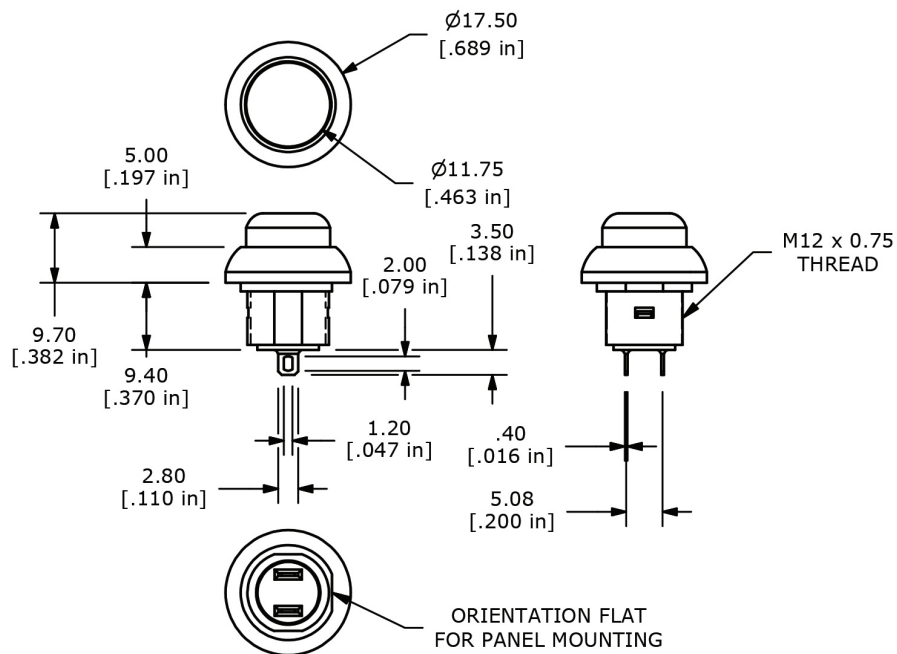
R6.80
[.268 in]

PANEL CUTOUT



RP8300 SERIES PUSHBUTTON SWITCH

RP8301 w/o LED B2 BUSHING



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Mouser Electronics

Authorized Distributor

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[RP8300B2M1CEBLKBLKBLU](#) [RP8300B2M1CEBLKBLUNIL](#) [RP8300B2M1CECHRBLKNIL](#)
[RP8300B2M1CENICBLKNIL](#) [RP8300B2M1CEBLKBLKGRN](#) [RP8300B2M1CEBLKYELNIL](#)
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[RP8300B2M1CEBLKGRNGRN](#)