MPB SERIES PUSHBUTTON SWITCHES

FEATURES

Single pole single throw momentary action.

Normally open and normally closed models.

Permanent cap is standard.

Single hole mounting w/mtg. nut & lk'wshr supplied.

MATERIALS

Base: PBT thermoplastic, color black

Bushing: Brass, nickel plated Actuator: ABS thermoplastic Terminals: Brass, silver plated

Shorting Contact: Brass or phos. brz., silver plated

GENERAL SPECIFICATIONS

ELECTRICALS

Contact rating: 300 mA @ 125 VAC

Insulation resistance: 100 megohms min. (500 VDC)

Dielectric withstanding voltage: 500 VAC for 1 minute

Contact resistance: 25 milliohms max. at 1 amp, 5 VDC

Electrical/Mechanical life: 10,000 cycles min.

Contact bounce: less than 10 milliseconds

MECHANICALS, THERMALS

Plunger travel: MPB1110: .063" (1.6mm) MPB1140: .078" (2mm)

Actuation force: 300 grams ± 150 grams Operating temperature range: -20 °C to +60 °C

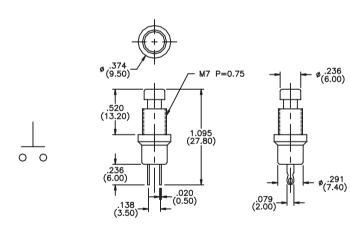
SOLDERING

Wave or hand soldering: 235°C max. for 5 seconds max.

Solvent washing: Non-washable. Do not apply flux to terminals or switch mtg. surface









Model No.

MPB11102 MPB11106

> TOLERANCE FOR PANEL MTG. HOLE: +.005 (0.13) -.000 (0.00)

Cap Color Black

Red

NORMALLY OPEN

MPB1140

SCHEMATIC

MECHANICAL OUTLINE

PANEL MTG. HOLE

Model No. Cap Color

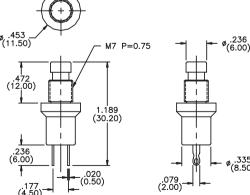
MPB11402 Black
MPB11406 Red



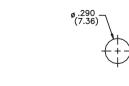
NORMALLY CLOSED



SCHEMATIC



MECHANICAL OUTLINE



TOLERANCE FOR PANEL MTG. HOLE: +.005 (0.13) (0.00)

C31

PANEL MTG. HOLE

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