


# Pushbutton Switches

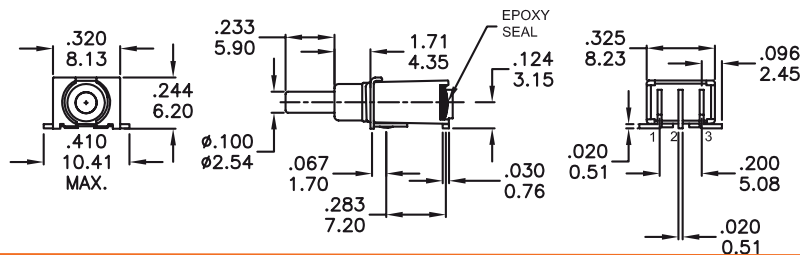
## Sealed Sub-Miniature SMT Pushbutton Switches

## PB64 Series

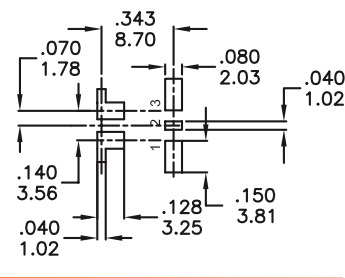
 UL versions available by request




**PB64S8TTAUEV**



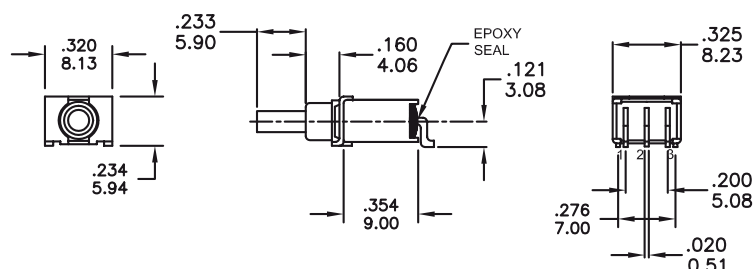
### P.C. MOUNTING



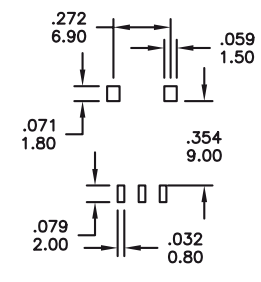
 UL versions available by request




**PB64S8TZAUEV**



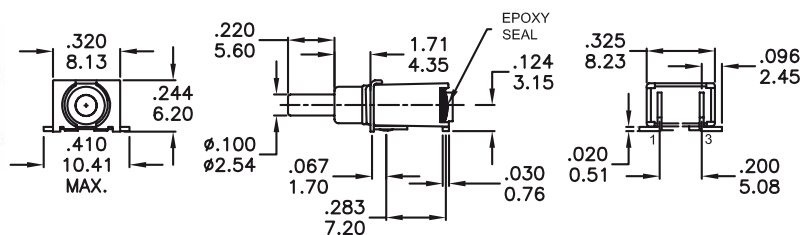
### P.C. MOUNTING



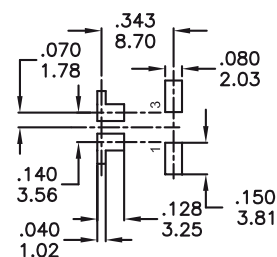
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**PB64S9TTAUEV**



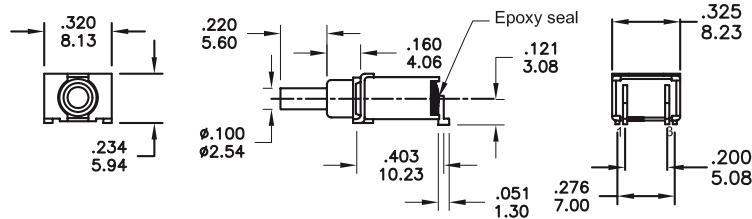
### P.C. MOUNTING



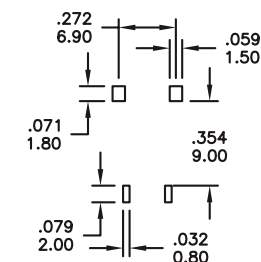
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**PB64S9TZAUEV**



### P.C. MOUNTING



### How to order:

PB64 1 2 3 4 5

#### 1 POLES & CIRCUIT:

S8 SP ON-MOM

S9 SP OFF-MOM

#### 2 TERMINALS:

TT SMT Type (See drawing)

TZ SMT Type 2 (See drawing)

#### 3 CONTACT MATERIAL:

AG Silver

AU Gold

UT Gold, tin-lead

GT Silver, tin-lead

UG Gold over Silver

UGT Gold over Silver, Tin-lead

#### 4 SEAL:

E Epoxy (Standard)

#### 5 ROHS & LEADFREE:

No Code RoHS Compliant

V RoHS & Lead Free

### General Specifications:

#### MATERIALS

» Movable Contact & Fixed Terminals:

AG, GT, UG & UGT: Silver plated over copper alloy

AU & UT: Gold over nickel plated over copper alloy

#### MECHANICAL

» Operating Temperature: -30°C to +85°C

» Mechanical Life: 50,000 cycles

#### CONTACT RATING

» AG, GT, UG & UGT: 5A120VAC/28VDC 2A250VAC

» AU & UT: 0.4VA max. 20V max. (AC/DC)

#### ELECTRICAL

» Contact Resistance: 20mΩ max. initial @ 2-4VDC

100mA for silver & gold plated contacts

» Insulation Resistance: 1,000MΩ min.

# Pushbutton Switches

Sealed Sub-Miniature SMT Pushbutton Switches

PB64 Series

## SWITCH FUNCTION

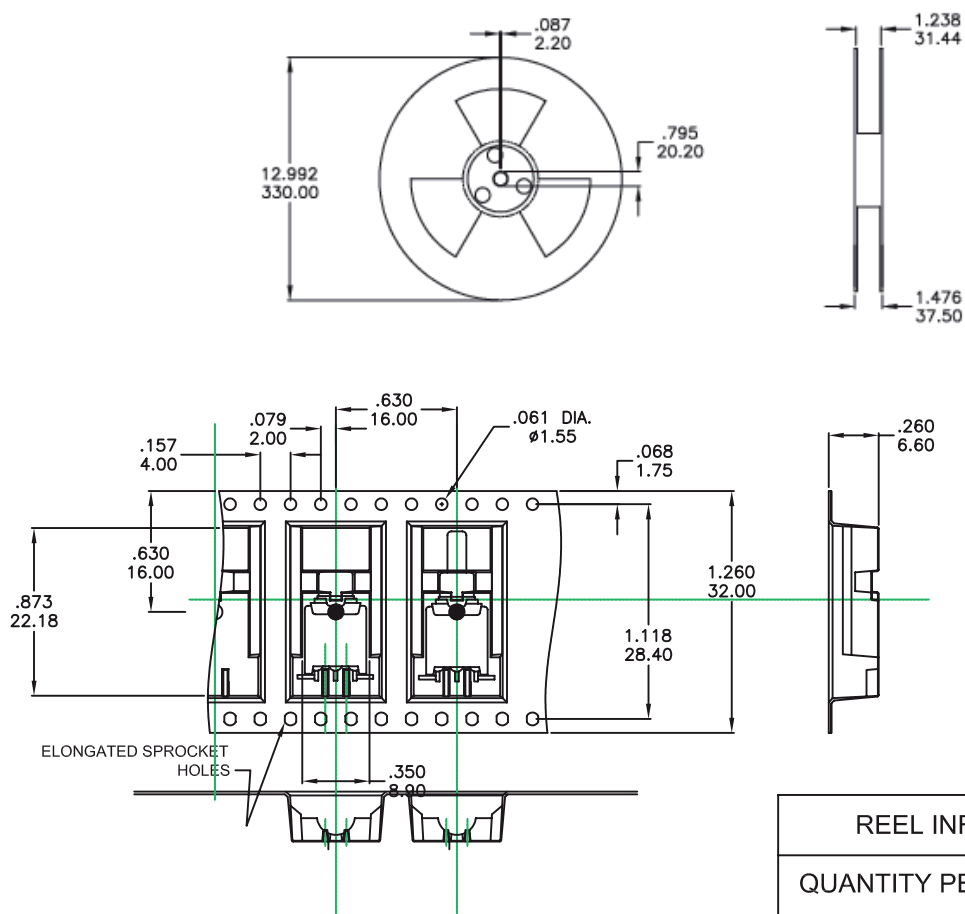
NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS.1	POS.2	POS.1	POS.2	
SP	PB64S8	ON	MOM	2-1	2-3	
	PB64S9	OFF	MOM	OPEN	1-3	

MOM=MOMENTARY

## PACKAGING

Switches available on embossed antistatic tape and reels.

Tape and cover strip are conductive for use near statically sensitive components.



### SOLDERING PROCESSES

**MANUAL SOLDERING** : Use soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder.

**WAVE SOLDERING** : Recommended Soldering Temperature: 260±5°C  
Duration of Solder Immersion: 5 ±1 seconds  
(PCB is 1.6mm in thickness)

**SOLDERING** : Vapor phase & IR- reflow soldering can be applied.

