



**SPECIFICATIONS**

**CONTACT RATING:** Dependent upon contact material See Page 129..

**MECHANICAL LIFE:** 50,000 make-and-break cycles.

**CONTACT RESISTANCE:** 20 mΩ max. initial @ 2-4VDC  
100mA for both silver and gold plated contacts.

**INSULATION RESISTANCE:** 1,000 MΩ min.

**DIELECTRIC STRENGTH:** 1,000 Vrms min.@sea level.

**OPERATING TEMPERATURE:** -30°C to 85°C.

**MATERIALS**

**CASE & BUSHING:** Glass filled nylon 6/6,flame retardant,  
heat stabilized (UL94v-0).

**PLUNGER:** Thermoplastic Polyester (UL 94V-0),  
with intenal O-ring seal.

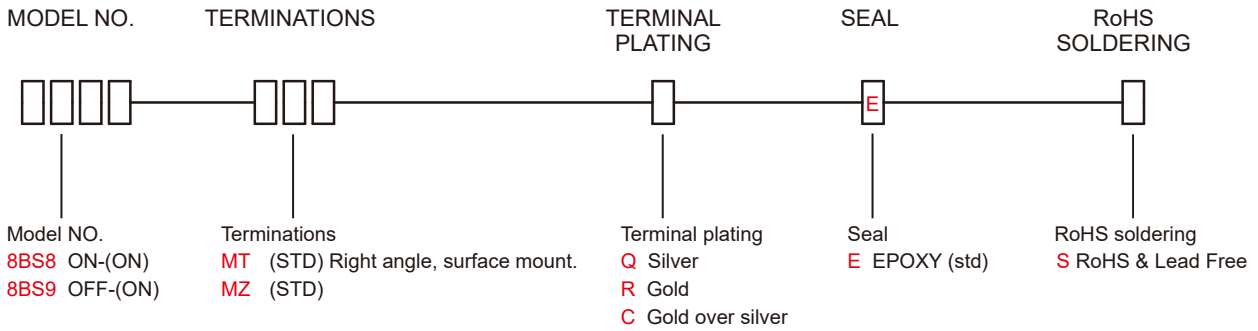
**SWITCH SUPPORT:** Brass,tin plated.

**CONTACT / TERMINALS:** Silver or gold plated copper alloy.  
(See Page 129)

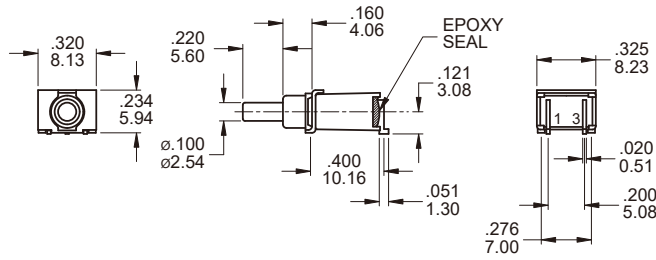
IP 67  
ACCORDING TO  
EN 60529:1991+A1:2001  
IEC 60529:2001



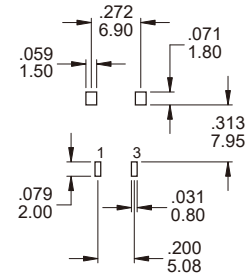
**HOW TO ORDER**





**MZ**


P.C. MOUNTING

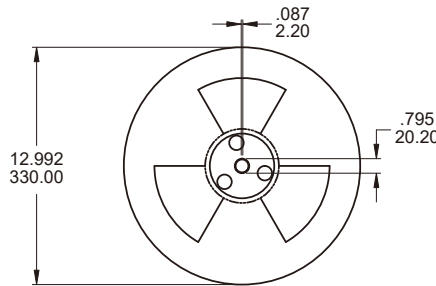
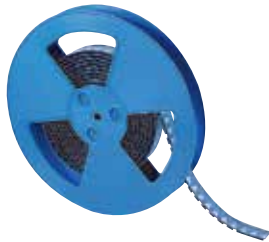

**SPST**

Part No. Shown : 8BS9MZRE

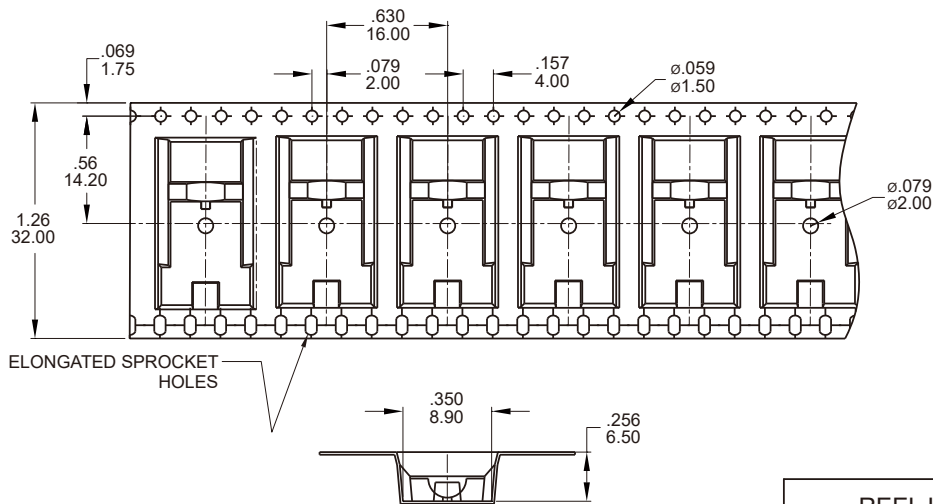
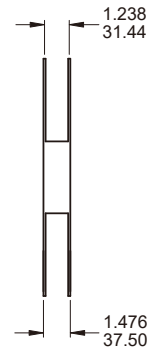
## PACKAGING

Switches available on embossed antistatic tape and reels.

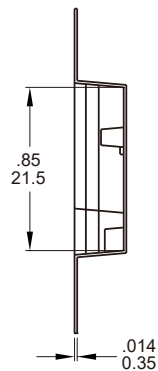
Tape and cover strip are conductive for use near statically sensitive components.



SCALE: 10 : 1



SCALE: 1 : 1


**REEL INFORMATION**

QUANTITY PER REEL	500 / pcs
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### CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS
Q	Silver	Gold flash over silver	3 Amps with resistant load @ 120VAC or 28VDC 1 Amps with resistant load @ 250VAC
C	Gold over Silver	Gold over silver	
R	Gold	Gold	0.4 Volt - Amps ( VA ) max. @ 20V max. ( AC or DC )

### SOLDERING PROCESSES

REFLOW 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: Max 5 sec. (PCB is 1.6mm in thickness)

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

