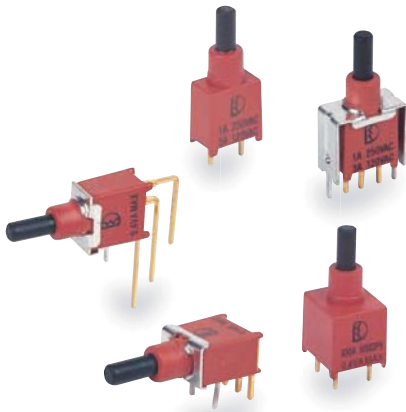




IP 67
ACCORDING TO
EN 60529:1989+A1:2001
IEC 60529:2001

SPECIFICATIONS

CONTACT RATING: Dependent upon contact material See Page 133.

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

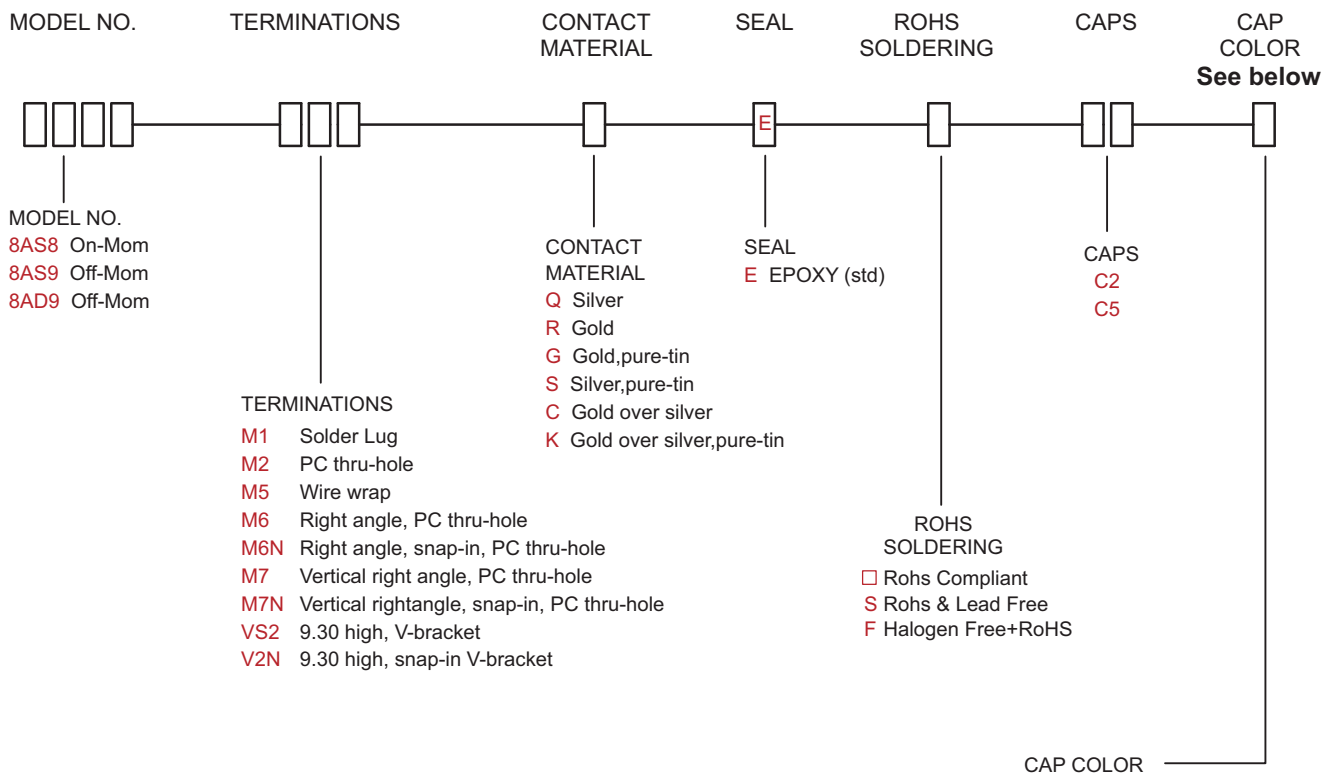
CASE & BUSHING: Glass filled nylon 66, flame retardant, heat stabilized (UL94V-0).

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

SWITCH SUPPORT: Brass or steel electroplated.

CONTACT: Copper alloy, with silver or gold plated.

(See Page 133)

HOW TO ORDER

8A
Pushbutton Switches

CAP COLOR

See below

ITEM NO	COLOR
1	White
2	Black (Std)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

SWITCH FUNCTION

NO. POLES	UL/CSA MODEL NO.	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
			POS.1	POS.2	POS.1	POS.2
SP	Q28A18	8AS8	ON	MOM	2-1 	2-3
	Q28A19	8AS9	OFF	MOM	OPEN	1-3
DP	Q28A29	8AD9	OFF	MOM	OPEN	1-3,4-6

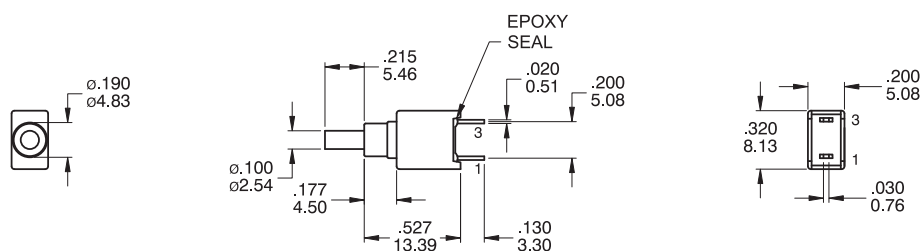
MOM=MOMENTARY

POLE OPTIONS



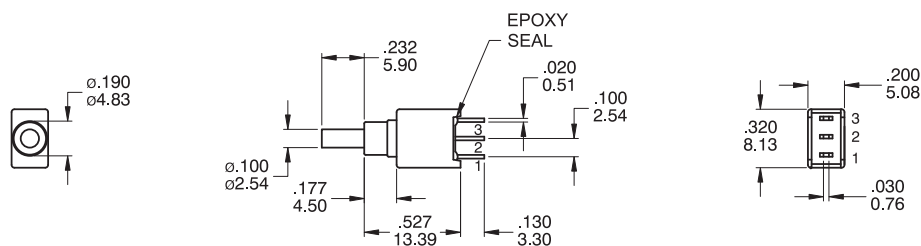
SPST

Part No. Shown : 8AS9M2RE



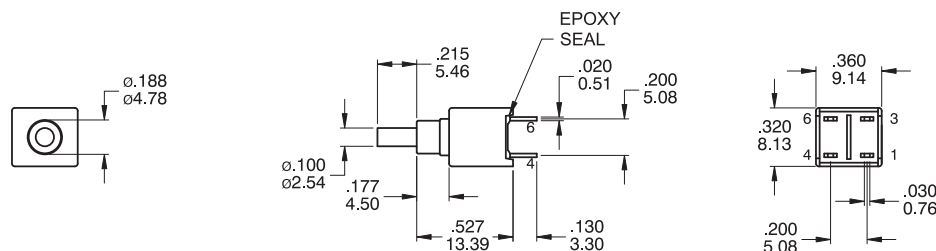
SPDT

Part No. Shown : 8AS8M2RE



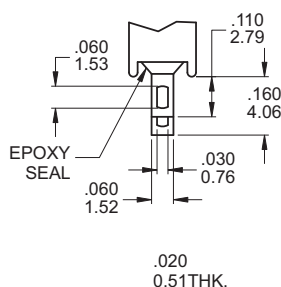
DPST

Part No. Shown : 8AD9M2RE

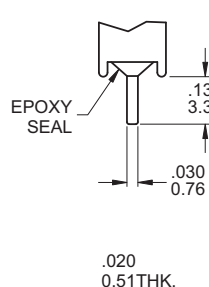


TERMINATION OPTIONS

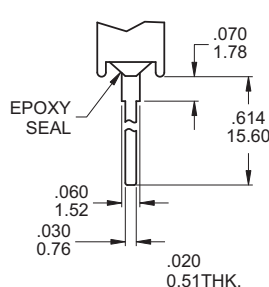
M1 SOLDER LUG



M2 P.C. MOUNTING

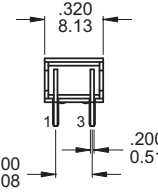
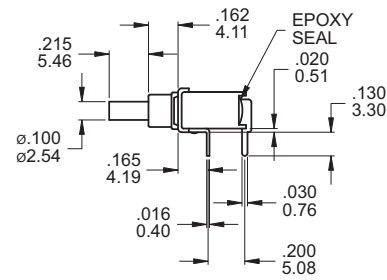
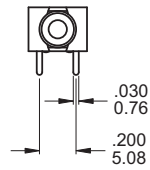
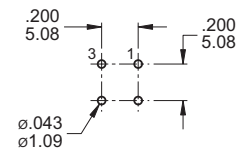


M5 WIRE WRAP

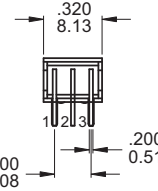
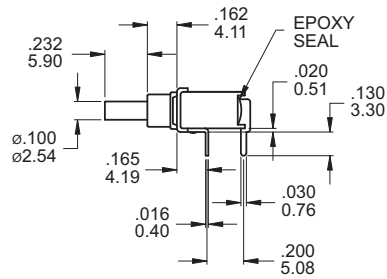
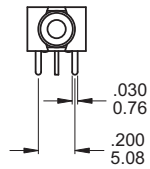
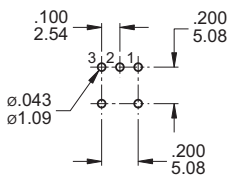


OTHER TERMINATION OPTIONS

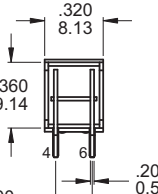
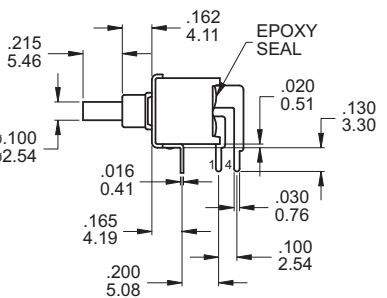
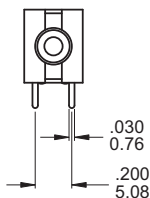
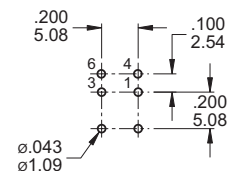
M6	RIGHT ANGLE P.C. MOUNT
M6N	RIGHT ANGLE P.C. MOUNT WITH SNP-IN BRACKET
M7	RIGHT ANGLE P.C. MOUNT
VS2	VERTICAL BRACKET P.C. MOUNT

M6**P.C. MOUNTING****SPST**

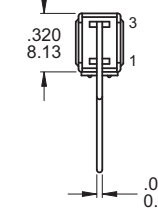
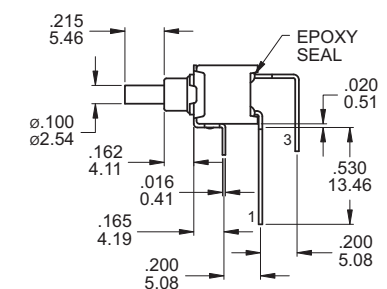
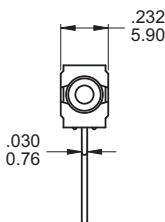
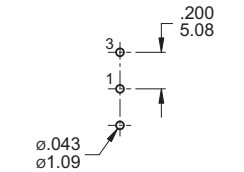
Part No. Shown : 8AS9M6RE

M6**P.C. MOUNTING****SPDT**

Part No. Shown : 8AS8M6RE

M6**P.C. MOUNTING****DPST**

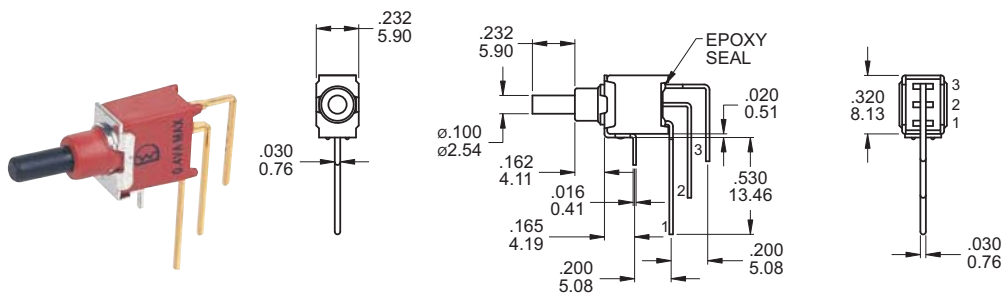
Part No. Shown : 8AD9M6RE

M7**P.C. MOUNTING****SPST**

Part No. Shown : 8AS9M7RE

8A
Pushbutton Switches

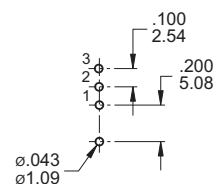
M7



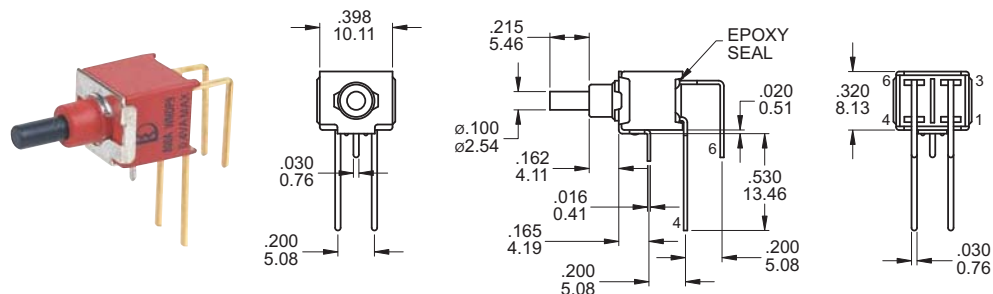
SPDT

Part No. Shown : 8AS8M7RE

P.C. MOUNTING



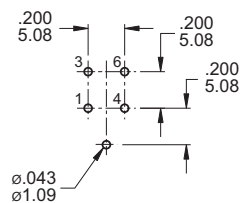
M7



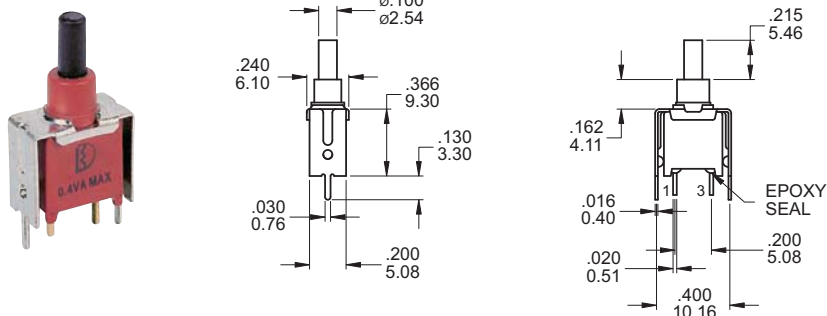
DPST

Part No. Shown : 8AD9M7RE

P.C. MOUNTING



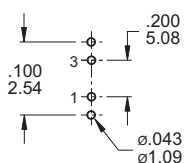
VS2



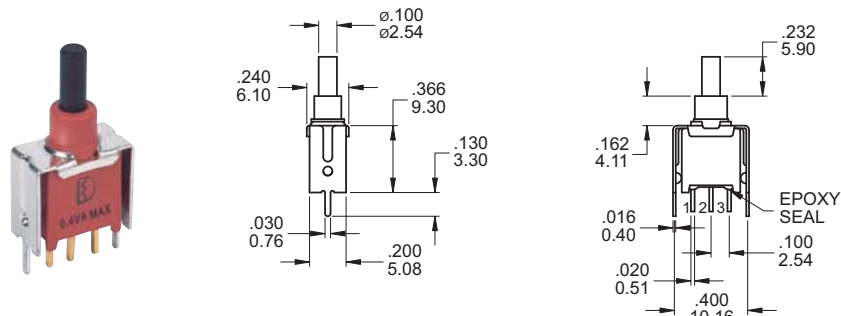
SPST

Part No. Shown : 8AS9V2RE

P.C. MOUNTING



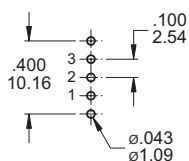
VS2

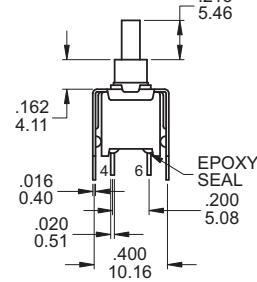
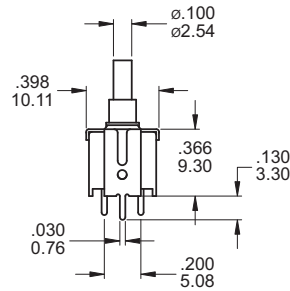
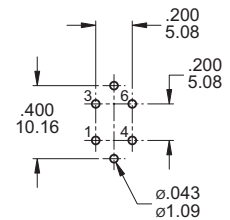


SPDT

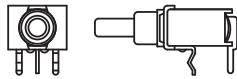
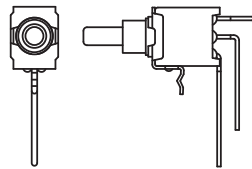
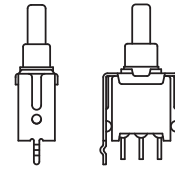
Part No. Shown : 8AS8V2RE

P.C. MOUNTING



VS2**P.C. MOUNTING****DPST**

Part No. Shown : 8AD9V2RE

SNAP-IN TERMINATION OPTIONS**M6N****M7N****V2N**8A
Pushbutton Switches**CONTACT MATERIAL OPTIONS**

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

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

SOLDERING : Vapor phase