

**SPECIFICATIONS**

**CONTACT RATING :** Dependent upon contact material See page 46.

**CONTACT RESISTANCE :** 50m.Ohm max. initial

**MECHANICAL LIFE :** 20,000 Cycles.

**INSULATION RESISTANCE :** 1,000M.Ohm min

**DIELECTRIC STRENGTH :** 1,000 V RMS@sea level

**OPERATING TEMPERATURE :** -40 degreeC to 80 degreeC

**MINIMUM LOAD:** Silver : 100mA 10VDC ;Gold :10mA 50mV

**BREAKING CAPACITY :** Silver: 1A 250VAC;Gold 100mA 30VDC; With Resistive Load

**MATERIALS**

**CASE :** Nylon , white

**HOUSING :** Nylon , black

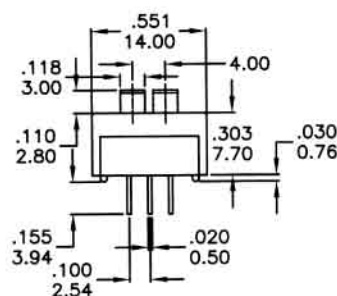
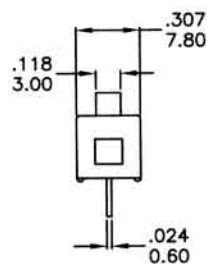
**ACTUATOR :** Nylon , black

**TERMINAL/CONTACT :** Silver or gold plated. See page 46.

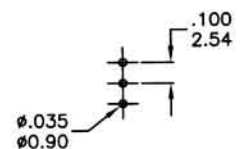
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS/SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	MS-10	ON	NONE	ON	2-1	OPEN	2-3
	MS-11	ON	OFF	ON			
DP	MS-20	ON	NONE	ON	2-3,5-6	OPEN	2-1,5-4
	MS-22	ON	OFF	ON			



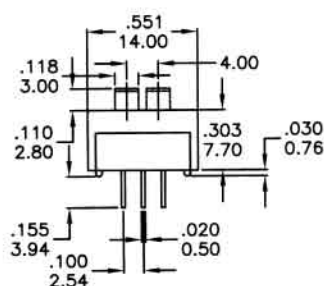
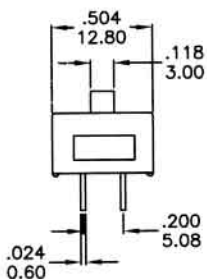
SPDT Part No.MS-10C2A1QE



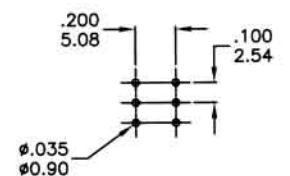
P.C. MOUNTING



DPDT Part No.MS-20C2A1QE

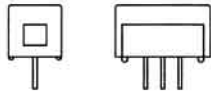


P.C. MOUNTING

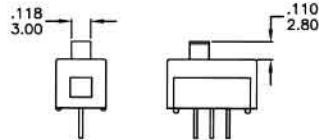


## ACTUATOR OPTIONS

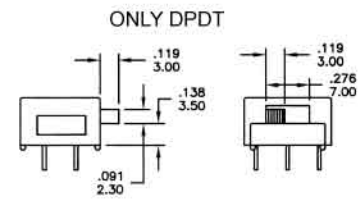
C1



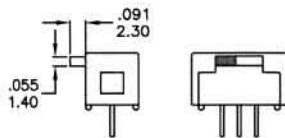
C2



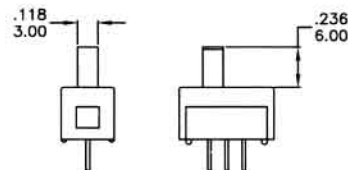
C5



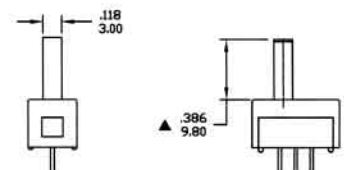
C3



C4

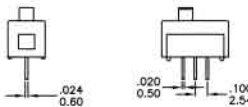


C6



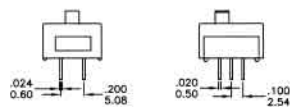
## TERMINATION OPTIONS

A1



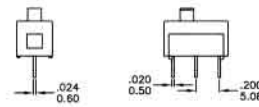
SPDT

A2



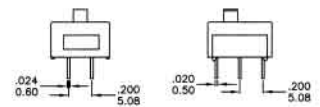
DPDT

A3



SPDT

A4



DPDT

## CONTACT RATING

## Q

FIXED TERMINAL : Silver plated over copper alloy

MOVING CONTACT : Silver plated over copper alloy

RATING : 3 Amps with resistive load@120VAC or 28VDC

1 Amps with resistive load@250VAC

## G

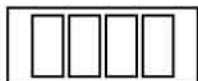
FIXED TERMINAL : Copper alloy with gold plated over nickel plate

MOVING CONTACT : Copper alloy with gold plated over nickel plate

RATING : 0.4 Volt-Amps(VA) max. @20V max. (AC or DC)

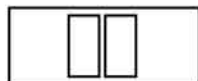
## HOW TO ORDER

MODEL NO.



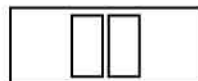
MS-10  
MS-11  
MS-20  
MS-22

ACTUATOR



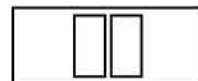
C1 C5  
C2 C6  
C3  
C4

TERMINATIONS



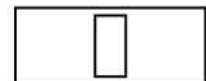
A1  
A2  
A3  
A4

CONTACT MATERIAL



Q=Silver  
G=Gold

SEAL



E=EPOXY  
N=NO EPOXY