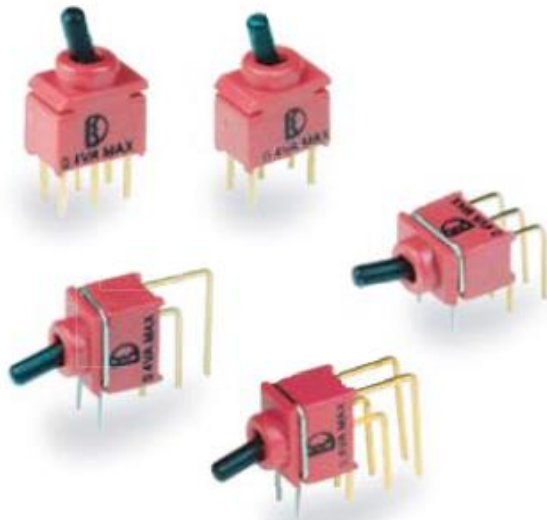


Datasheet

IP67 SPDT Toggle Switch On-On, 0.4 VA, PCB

RS Stock number [734-7246](#)



SPECIFICATIONS

MECHANICAL LIFE: 40,000 make-and-break cycles.

CONTACT RATING: 0.4 VA max. @ 20 V AC or DC max.

CONTACT RESISTANCE: Below 100 m Ω typ. initial @ 2-4 V DC,
100 mA.

INSULATION RESISTANCE: 500 M Ω min.

DIELECTRIC STRENGTH: 500 Vrms min.@ sea level.

OPERATING TEMPERATURE: -30°C to 85°C

MATERIALS

HOUSING AND BASE: Glass filled nylon 6/6 or 4/6, flame retardant
, heat stabilized (UL94V-0)

ACTUATOR: Glass filled nylon 6/6, flame retardant, heat stabilized
(UL94V-0), with standard internal o-ring seal.

SWITCH SUPPORT: Steel, with Sn plate.

CONTACT / TERMINALS: Gold plated Copper alloy.

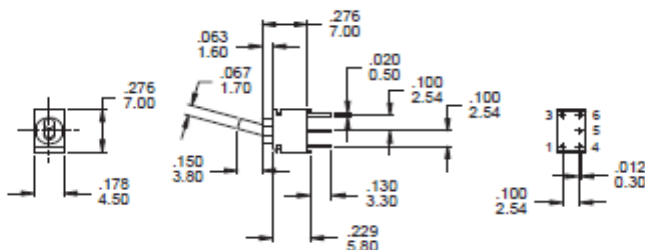
SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	2US1	ON	NONE	ON	5-6	N/A	5-4
	2US3	ON	OFF	ON		OPEN	
	2US9	OFF	NONE	ON	OPEN	N/A	4-6
DP	2UD1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	2UD3	ON	OFF	ON		OPEN	
	2UD9	OFF	NONE	ON	OPEN	N/A	

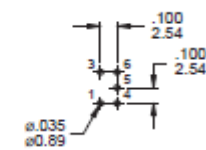
MOM=MENTORY

POLE OPTIONS

M2



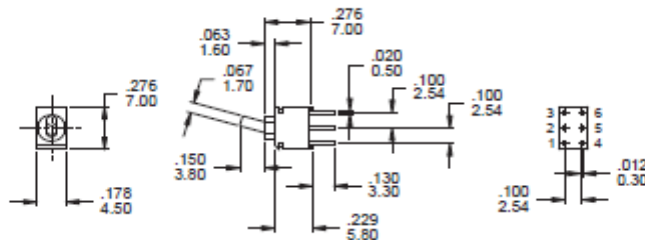
P.C. MOUNTING



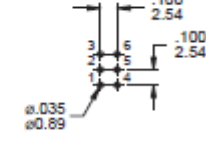
SPDT

Part No. Shown : 2US1T1A1M2RE

M2



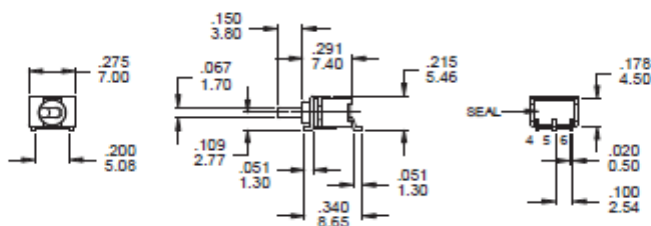
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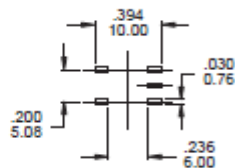
DPDT

Part No. Shown : 2UD1T1A1M2RE

MZ



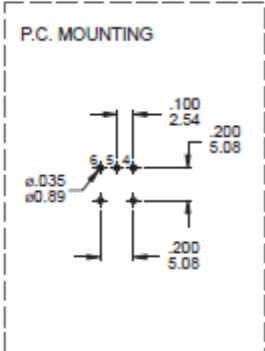
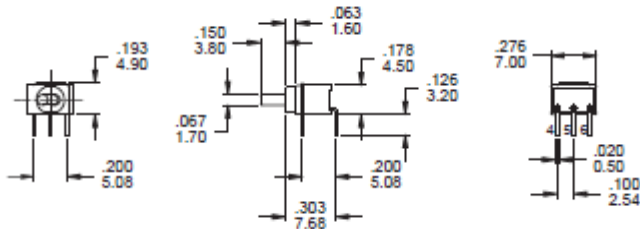
P.C. MOUNTING



SPDT

Part No. Shown : 2US1T1A1M2RE

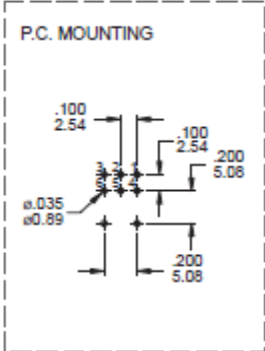
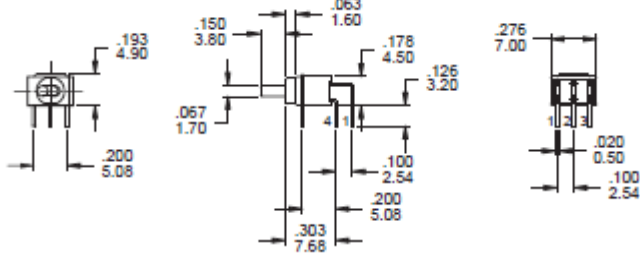
M6



SPDT

Part No. Shown : 2US1T1A1M6RE

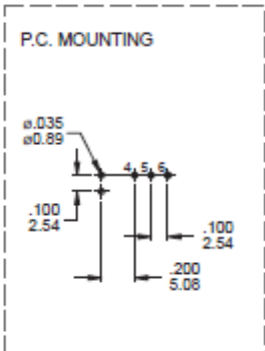
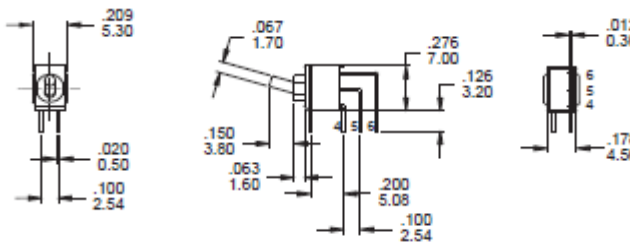
M6



DPDT

Part No. Shown : 2UD1T1A1M6RE

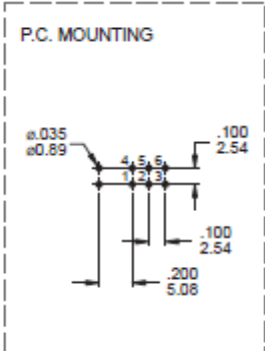
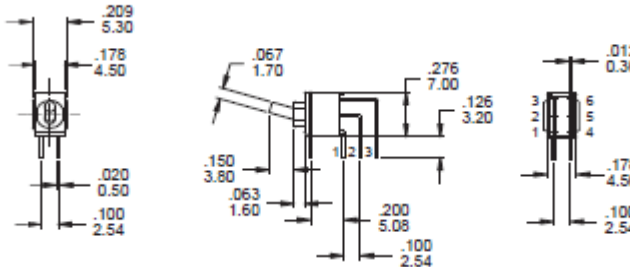
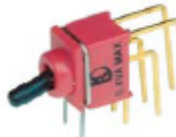
M7



SPDT

Part No. Shown : 2US1T1A1M7RE

M7



DPDT

Part No. Shown : 2UD1T1A1M7RE

SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature: $260 \pm 5^{\circ}\text{C}$

Duration of Solder Immersion: Max 5 sec.

(PCB is 1.6mm in thickness)

SOLDERING: Vapor phase

Temperature Profile

Zone	Room Temperature	Time (Sec)
Pre-heat (A)	150°C	Min 120s
Soak (B)	180°C ~ 200°C	Min 150s
Peak (C)	200°C ~ 235°C	Min 30s
Peak (D)	235°C ~ 260°C	Min 40s
Peak (E)	260°C	Max 5s

