



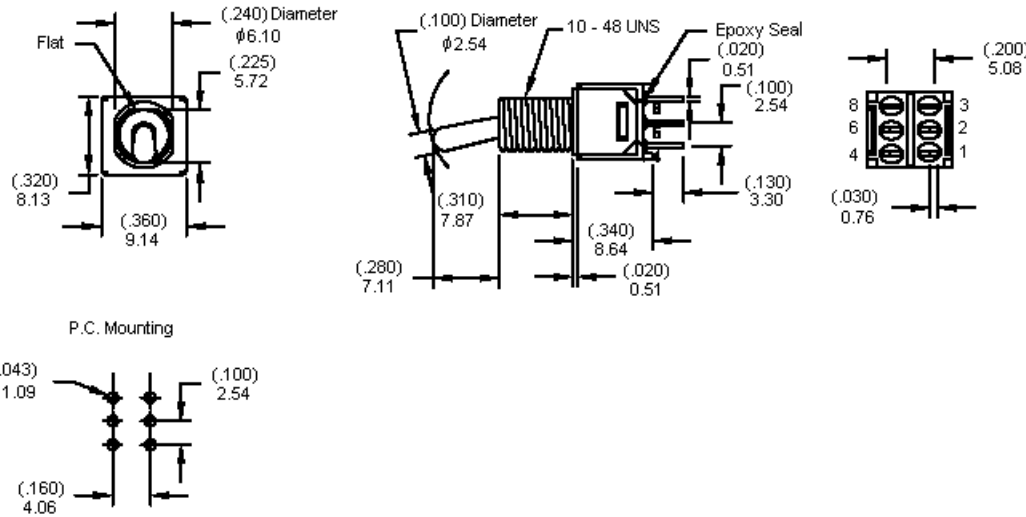
PART NO.

2MD Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Suresh	31/5/05	Shashi	31/5/05	NK	14/6/05

Subminiature



Dimensions : Millimetres (Inches)

Features:

- Gold plated contacts allow low level switching.
- Epoxy sealed terminations.
- Threaded bush types for panel mounting.

Specifications:

Electrical Life	: 30,000 make-and-break cycles at full load.
Contact Resistance	: 20mΩ maximum initial at 2 - 4V dc. 100mA for both silver and gold plated contacts.
Insulation Resistance	: 1000MΩ minimum.
Dielectric Strength	: 1000V RMS at sea level.
Operating Temperature	: -30°C to +85°C.

Materials:

Case	: Diallyl phthalate (DAP).
Actuator	: Brass, Chrome plated.
Bushing	: Brass, Nickel plated.
Housing	: Stainless Steel.
Switch Support	: Brass, Tin plated.
Terminals/Contact	: Brass, with Silver or gold plated.

Rating:

R	: 0.4 Volt-Amps (VA) maximum at 20V maximum (AC or DC).
Q	: 1 Amps at 250V ac 3 Amps at 120V ac or 28V dc.

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Suresh	31/05/05
CHECKED BY:	DATE:
Shashi	31/05/05
APPROVED BY:	DATE:
NK	14/06/05

DRAWING TITLE:			
2MD DPDT Series-PCB Vertical Mounting - Threaded Bush			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M1000000184	40018_DWG	
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 1 OF 3



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Switch Function

	Position 1	Position 2	Position 3
Terminals Common	2-3, 5-6	OPEN	2-1, 5-4
SCHEMATIC			

Part Number Table

Description	Type	Part Number
Vertical Mounting - Threaded Bush	DPDT on-on	2MD1T1B5M2RE
	DPDT on-off-on	2MD3T1B5M2RE

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SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 2 OF 3



PART NO.

2MD Series

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Notes:

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