

## MD2 SERIES - PUSHBUTTON SWITCHES

### FEATURES

- Power ratings include TV-5
- Single pole single throw alternate action.
- UL, CSA, VDE and SEMKO recognized.
- Panel mounting with threaded mounting holes and p.c. mounting with restraining bracket.

### MATERIALS

Base: Phenolic, UL94V-O  
 Frame: Zinc plated steel (panel mtg. models)  
           Tin plated steel (p.c. mtg. models)  
 Actuator: PBT, nylon 66, UL94V-2 min.  
 Terminals: Silver plated copper alloy  
 Contacts: Silver copper alloy

### GENERAL SPECIFICATIONS

#### ELECTRICALS

Contact ratings:	UL & CSA: 15 amps @ 125 VAC, 10 amps @ 250 VAC, TV-5 VDE & SEMCO: 5A/80A @ 250 VAC $\mu$ T85
Insulation resistance:	100 megohms min. (500 VDC)
Dielectric withstanding voltage:	1000 VAC for 1 minute
Contact resistance:	20 milliohms max.
Electrical life:	10,000 cycles min.
Mechanical life:	30,000 cycles min.

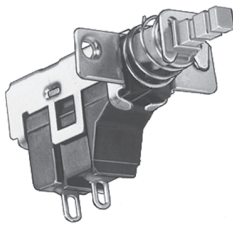
#### MECHANICALS, THERMALS

Actuation force:	400 grams $\pm$ 200 grams
Operating temperature range:	-10 °C to +85 °C

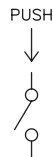
#### SOLDERING

Solder heat resistance: 230°C max. for 3  $\pm$ 0.5 seconds

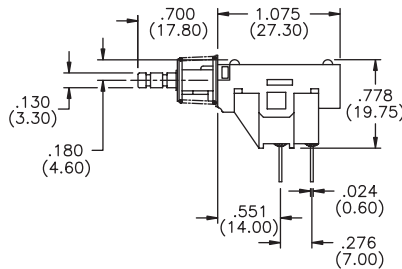
#### MD2BM4T0



PANEL MOUNTING WITH  
SOLDER LUG TERMS.

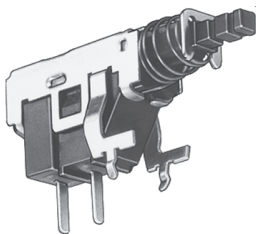


SCHEMATIC



MECHANICAL OUTLINE

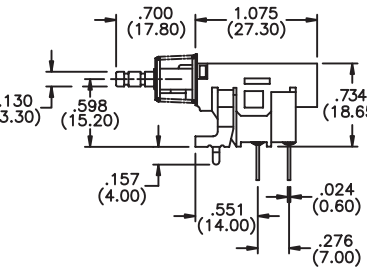
#### MD2CP4T3



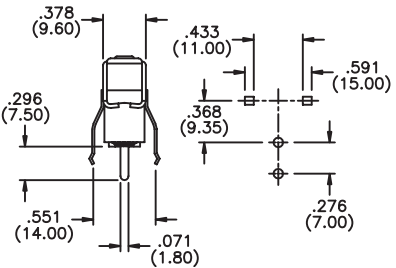
P.C. MOUNTING



SCHEMATIC



MECHANICAL OUTLINE



P.C. BOARD LAYOUT

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.