NDI & DM SERIES SPST STANDARD DIP SWITCHES

FEATURES

High reliability.
Self-cleaning contacts.
Multi- positions.
Process compatible with tape seal.
Dual in-line .100" x .300" term. spacing.

GENERAL SPECIFICATIONS

ELECTRICALS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Electrical life 2000 cycles min. per switch @ 24 VDC, 25 mA

Contact rating, non-switching 100 mA at 50 VDC Contact rating, switching 25 mA at 24 VDC

Contact resistance at current 100 mA 50 milliohms max. initial - 100 milliohms max. after life test

Insulation resistance at 500 VDC 100 Megohms minimum
Dielectric strength 500 VAC for 1 minute

Capacitance 5 pf. max. between adjacent terminals

MECHANICALS, THERMALS

Mechanical life 2000 cycles min. per switch

Operating force 1000 grams max.

Vibration 10-55 Hz.per MIL-STD-202F METHOD 201A

Shock 50 G (peak value) for 11 msec. per MIL-STD-202F, METHOD 213B

Operating temperature range -20°C to 85°C

SOLDERING & CLEANING RECOMMENDATIONS*

Hand soldering 350°C max. for 2 seconds max.(30 watt iron max.)

Wave soldering 260°C max. for 5 seconds max. Cleaning (with tape seal) Spray wash from top side only.

* Note: keep switches in "OFF" position during soldering and cleaning for best results

MATERIALS

Base & Cover NDI: UL94V-O, glass fiber filled PBT, black

DM: UL94V-O, glass fiber filled PPS, black

Actuators UL94V-O, Nylon, white

Contacts Gold over nickel plated copper alloy

Terminals Gold plated brass.

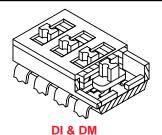
Term. Sealing Molded-in Tape seal Kapton

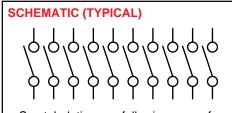
PACKAGING

DIP switches are shipped in standard IC tubes with all actuators in the "OFF" position. Tape & reel packaging per EIA available for DMR models (see next page).

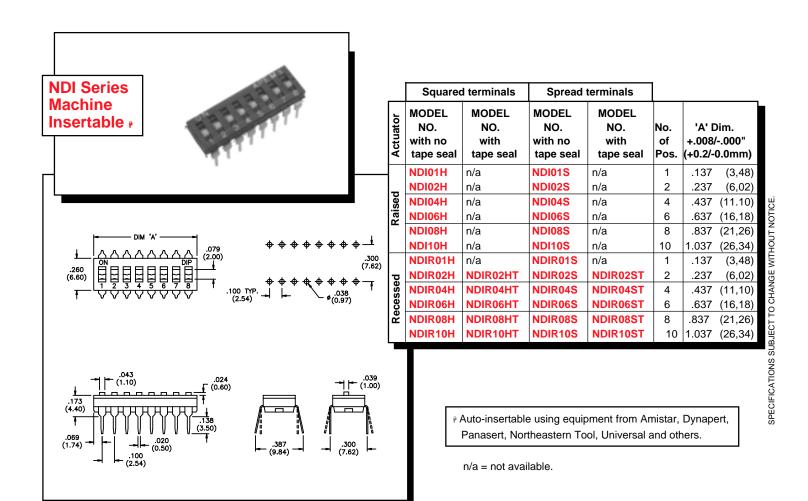
SWITCH CROSS SECTIONS

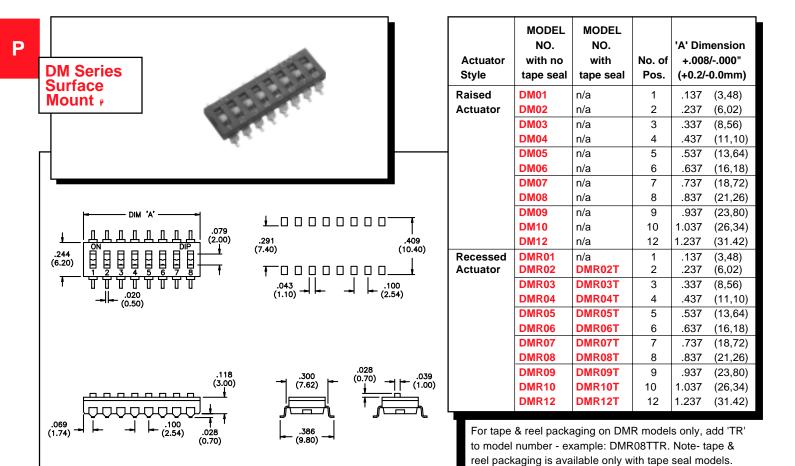
Double contact system





See tabulations on following pages for number of positions available (10 shown)





900 switches per reel.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Apem:

DM03 DM07 DMR03 DMR05 DMR06 DMR07 DMR07TTR DMR09 DMR10TTR DMR12