

FEATURES

- 1.Splay terminals allow for automatic insertion by IC insertion machine.
- 2.Straight terminals are available for manual insertion.
- 3.Insert molding of terminals and ultrasonic welding improve flux proofness and enable flux washing in whole by top tape sealing.
- 4.NDI series (raised actuator) and NDIR series (recessed actuator) available for different purposes.
- 5.Double contacts offers high reliability.
- 6.Vapor phase solderable, IR-reflow solderable.

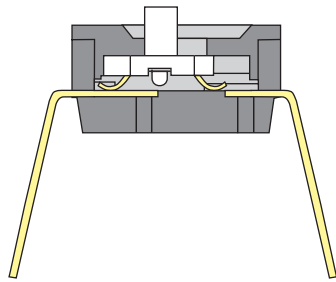
SPECIFICATIONS

CONTACT RATING: 25mA @24 VDC (switching Rating)
 100mA @50VDC(non-switching Rating)
 ELECTRICAL LIFE:2000 operations min. @ 24VDC,25mA
 CONTACT RESISTANCE: 50 mΩ max. initial
 INSULATION RESISTANCE: 100 MΩ min. at 500 VDC
 DIELECTRIC STRENGTH: 500 V AC /1 min
 OPERATION FORCE: 1000 gf max
 STORAGE TEMPERATURE: -40°C to 85°C
 CIRCUIT: SPST

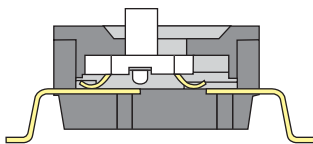
MATERIALS

COVER: UL94V-0 PPS,Thermoplastic(Black)
 BASE: UL94V-0 PPS, Thermoplastic(Black)
 ACTUATOR: UL94V-0 Nylon, Thermoplastic(white)
 CONTACT PLATING: Gold plating over nickel
 TERMINAL PLATING: Gold plated

CONTACT SYSTEM OF NDI(R) & DM(R) SERIES



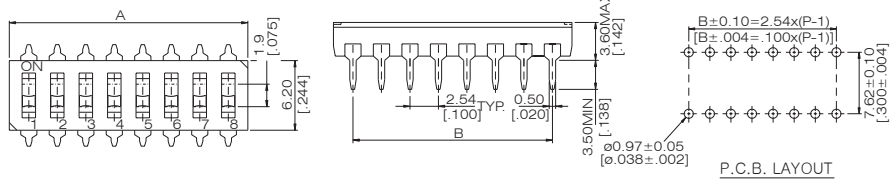
NDI(R) SERIES



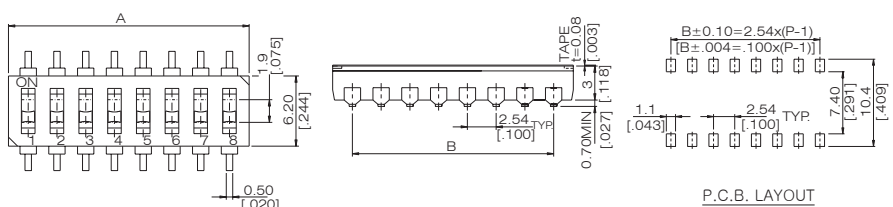
DM(R) SERIES

DIMENSIONS

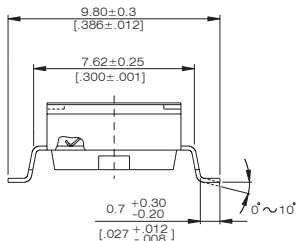
NDI(R)



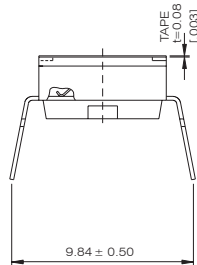
DM(R)



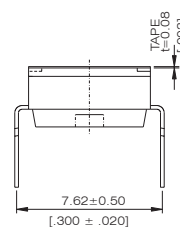
TERMINAL TYPE



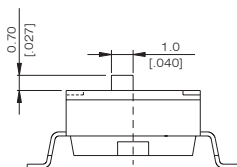
DMR SERIES



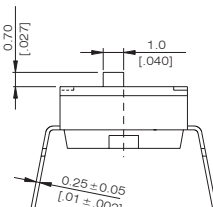
NDIR - □□S



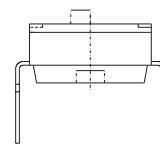
NDIR - □□H



DM SERIES



NDI - □□S

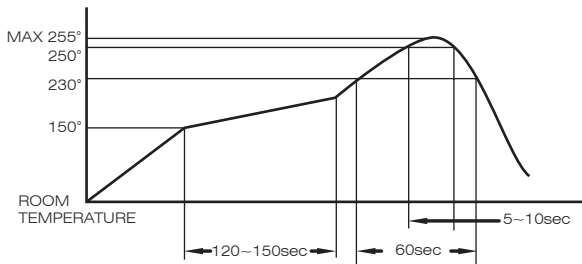


NDI - □□H

General Tolerance: ±0.2mm(±0.008")

SOLDERING AND CLEANING PROCESSES

- △ Keep all switch contacts in their "OFF" position for all operations.
- △ WAVE SOLDERING: Recommended solder temperature at 500°F (260°C) max. 5 seconds. For through hole type.
- △ HAND SOLDERING: Use a soldering iron of 30 Watts controlled at 350°C approximately 5 seconds. while applying solder.



- △ Reflow Temperature Profile.
- △ Care should be exercised so that flux from the upper part of the printed circuit board does not adhere to the switch.
- △ Do not clean the switch body except with top tape sealed type, which can only spray of cleaning method from top s/w.

HOW TO ORDER

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RoHS code
H = RoHS Compliant

▲ Package Style
□ = Tube
T/R= Tape & Reel

▲ SEAL:
□ = Regular
T= Top Tape Sealed

Number Of Positions:
01 = 1 Positions
02 = 2 Positions
03 = 3 Positions
04 = 4 Positions
05 = 5 Positions
06 = 6 Positions
07 = 7 Positions
08 = 8 Positions
09 = 9 Positions
10 = 10Positions
12 = 12Positions

Actuator Type:
□ = Raised Actuator
R= Recessed Actuator

Shape Of Terminal:
□ = Regular (only for DM series)
S= Splay Terminal
H= Straight Terminal

NDI= Machine Insertable Type Dip Switch
DM= Surface Mounting Type Dip Switch

MODELS

DM - 12 DMR - 12	NDI - 12 NDIR - 12	12	31.42[1.237]	27.94[1.100]
DM - 10 DMR - 10	NDI - 10 NDIR - 10	10	26.34[1.037]	22.86[.900]
DM - 09 DMR - 09	NDI - 09 NDIR - 09	9	23.80[.937]	20.32[.800]
DM - 08 DMR - 08	NDI - 08 NDIR - 08	8	21.26[.837]	17.78[.700]
DM - 07 DMR - 07	NDI - 07 NDIR - 07	7	18.72[.737]	15.24[.600]
DM - 06 DMR - 06	NDI - 06 NDIR - 06	6	16.18[.637]	12.70[.500]
DM - 05 DMR - 05	NDI - 05 NDIR - 05	5	13.64[.537]	10.16[.400]
DM - 04 DMR - 04	NDI - 04 NDIR - 04	4	11.10[.437]	7.62[.300]
DM - 03 DMR - 03	NDI - 03 NDIR - 03	3	8.56[.337]	5.08[.200]
DM - 02 DMR - 02	NDI - 02 NDIR - 02	2	6.02[.237]	2.54[.100]
DM - 01 DMR - 01	NDI - 01 NDIR - 01	1	3.48[.137]	—

PROD. NO. NO. OF POS. DIM. A DIM. B

SCHEMATIC(TYP.)

