

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.

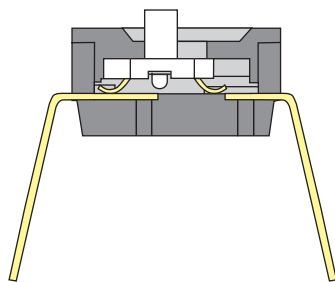
SPECIFICATIONS

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

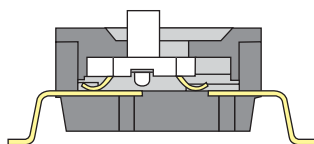
MATERIALS

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



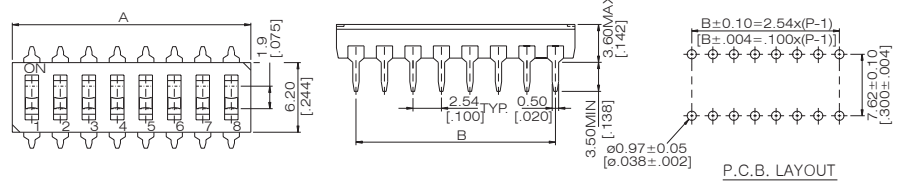
NDI(R) SERIES



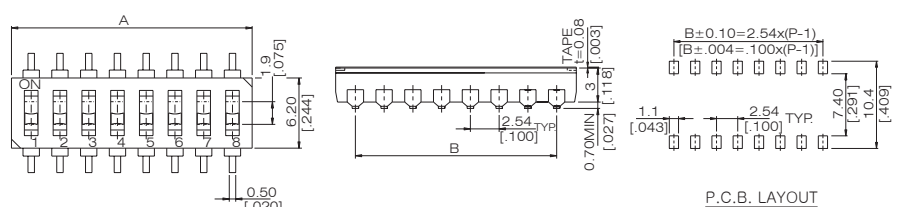
DM(R) SERIES

DIMENSIONS

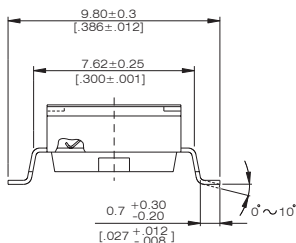
NDI(R)



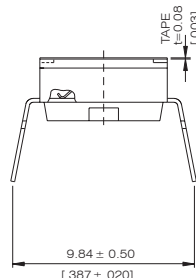
DM(R)



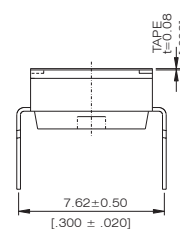
TERMINAL TYPE



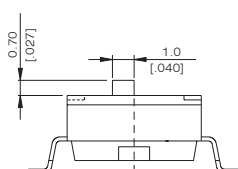
DMR SERIES



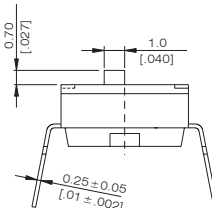
NDIR - □□ S



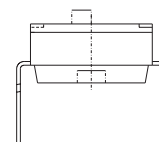
NDIR - □□ H



DM SERIES



NDI - □□ S

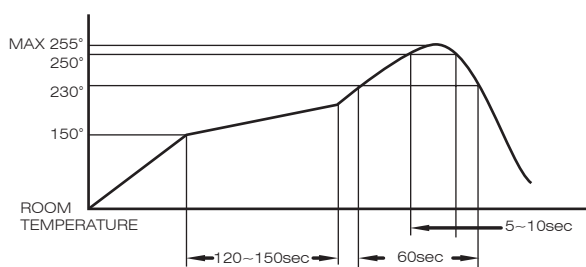


NDI - □□ H

General Tolerance: ±0.2mm(±0.008")

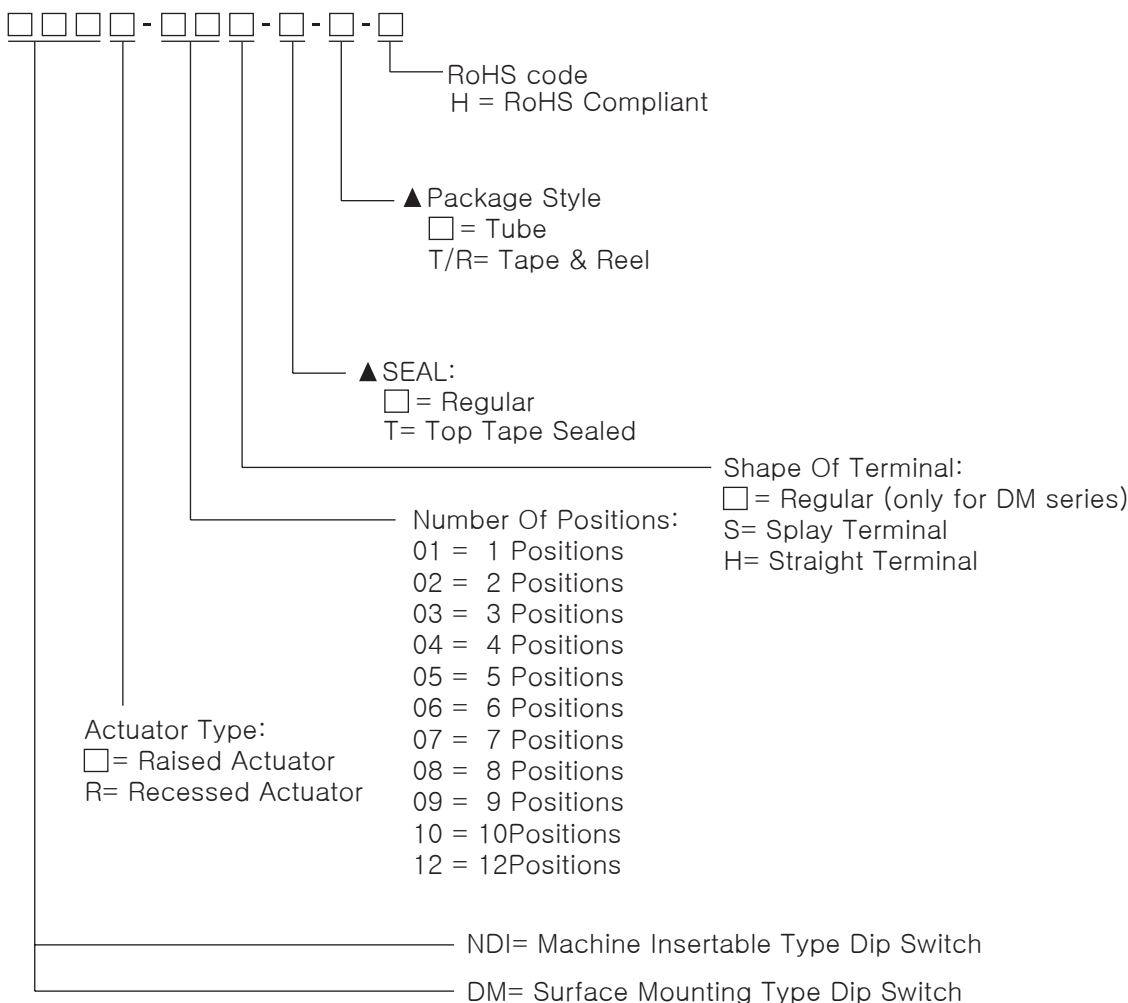
SOLDERING AND CLEANING PROCESSES

- △ 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



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.)				
(1,2,3,4,5,6,7,8,9,10,12, POS AVAIL)				