







SPECIFICATIONS

SWITCH FUNCTION: SPST, 1 thru 12 positions.
CONTACT RATING: Switch : 25 mA @ 24VDC.
Carry : 100 mA @ 50VDC.
INSULATION RESISTANCE: 100M Ω min @ 500 VDC.
CONTACT RESISTANCE: Initial : 50m Ω @ 2-4VDC @ 100mA.
After Life : 100m Ω @ 2-4VDC @ 100mA.
OPERATING LIFE: 2,000 make-and-break cycle each circuit.
OPERATING FORCE: 1000gf max.
TRAVEL, ACTUATOR: 2.0mm typical.

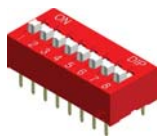
DIELECTRIC STRENGTH: 500 V RMS min @ sea level
between adjacent terminals.
CAPACITANCE: 5pf max. between adjacent terminals.
TEMPERATURE RANGE: Operating/Storage : -40°C to 85°C.
VIBRATION: To MIL-STD-202F. Method 201A.
SHOCK: To MIL-STD-202F. Method 213B, Condition A.
SOLDERING RECOMMENDATION: Wave : 500°F(260°C) for 5 sec
max. Hand : 30W soldering iron @ 608°F(320°C) for 2s typical. Keep all
switches in the "OFF" position during soldering and cleaning process.

HOW TO ORDER

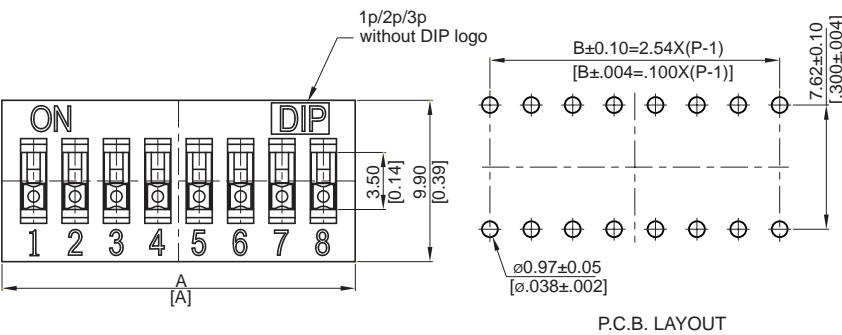
Model No.	Actuator Type	Number Of Position	Color of Cover	Seal	Lead Free Solderable
					
NDS NDA	<input type="checkbox"/> = Raised Actuator R= Recessed Actuator	01~10,12	<input type="checkbox"/> = Red B= Blue K= Black	<input type="checkbox"/> = Regular T= Top Tape Sealed	
NDP	<input type="checkbox"/> = Short Key L= Long Key	02~10,12			

MODEL OPTIONS


1 PC PIN

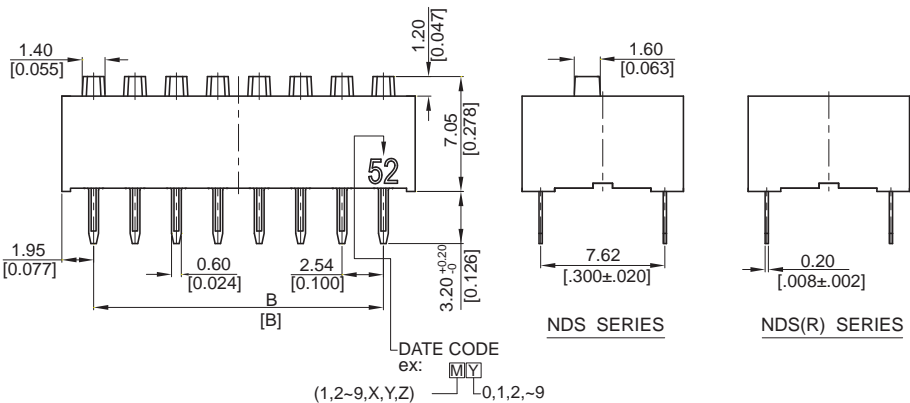


NDS



NDS NDA NDP
DIP Switches

SCHEMATIC(TYP.)

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

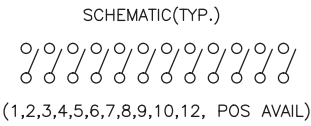
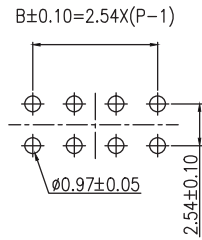
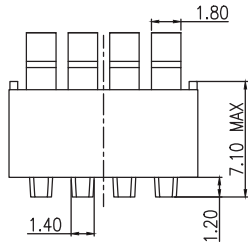


Position 1 denotes Pin NO. 1

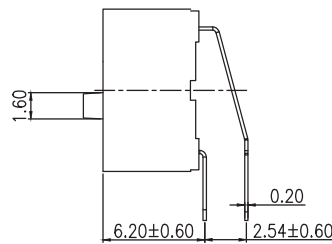
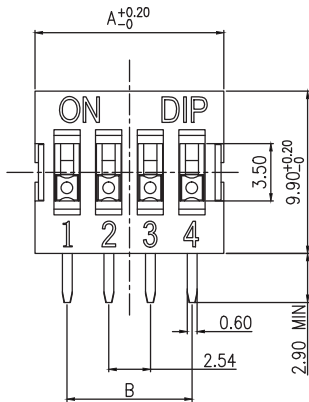
NDS NDA NDP Series

DIP Switches

2 RIGHT ANGLE PC PIN

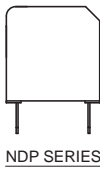
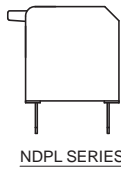
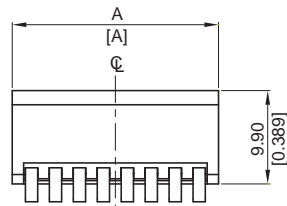
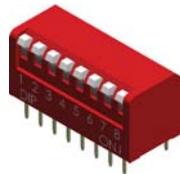


NDA



Position 1 denotes Pin NO. 1

1 PC PIN

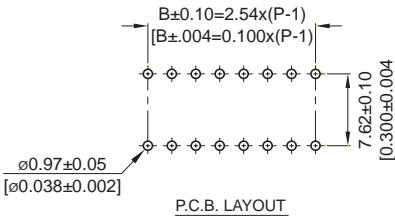
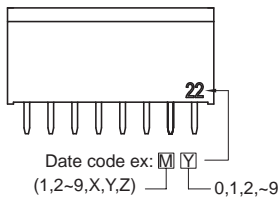
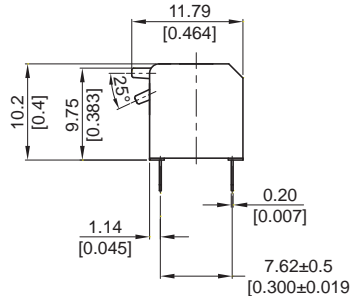
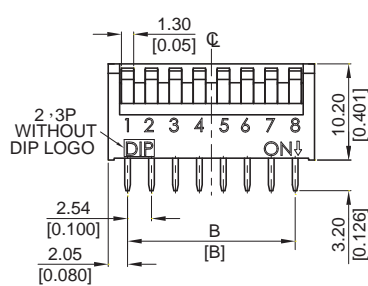
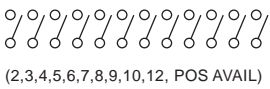


NDPL SERIES

NDP SERIES

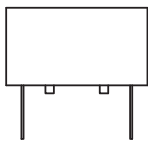
NDP

SCHEMATIC(TYP.)

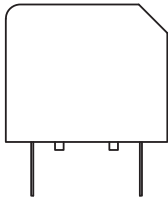


Position 1 denotes Pin NO. 1

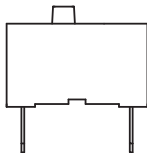
ACTUATOR OPTIONS



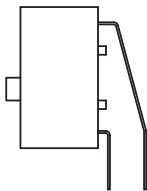
RECESSED*



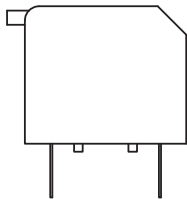
SHORT KEY
TOPSIDE "ON"



EXTENDED*



EXTENDED
TOPSIDE "OFF"



LONG KEY
TOPSIDE "ON"

NDS

NDA

NDP

NUMBER OF POSITIONS

NDS / NDA TYPE

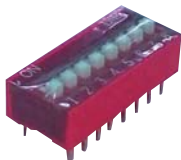
Positions	2	3	4	5	6	7	8	9	10	12
“ A ” Dimension	6.44 (.254)	8.98 (.354)	11.52 (.454)	14.06 (.554)	16.60 (.654)	19.14 (.754)	21.68 (.854)	24.22 (.954)	26.76 (1.054)	31.84 (1.254)
“ B ” Dimension	2.54 (.100)	5.08 (.200)	7.62 (.300)	10.16 (.400)	12.7 (.500)	15.24 (.600)	17.78 (.700)	20.32 (.800)	22.86 (.900)	27.94 (1.100)

NDP TYPE

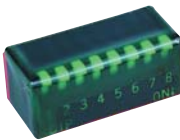
Positions	2	3	4	5	6	7	8	9	10	12
“ A ” Dimension	6.64 (.261)	9.18 (.361)	11.72 (.461)	14.26 (.561)	16.8 (.661)	19.34 (.761)	21.88 (.861)	24.42 (.961)	26.96 (1.061)	32.04 (1.261)
“ B ” Dimension	2.54 (.100)	5.08 (.200)	7.62 (.300)	10.16 (.400)	12.7 (.500)	15.24 (.600)	17.78 (.700)	20.32 (.800)	22.86 (.900)	27.94 (1.100)

SEAL OPTIONS

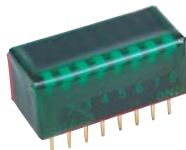
T TOP TAPE SEALED



NDS



NDA



NDP

NDS NDA NDP
DIP Switches