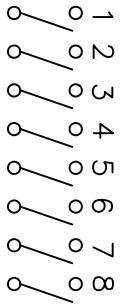
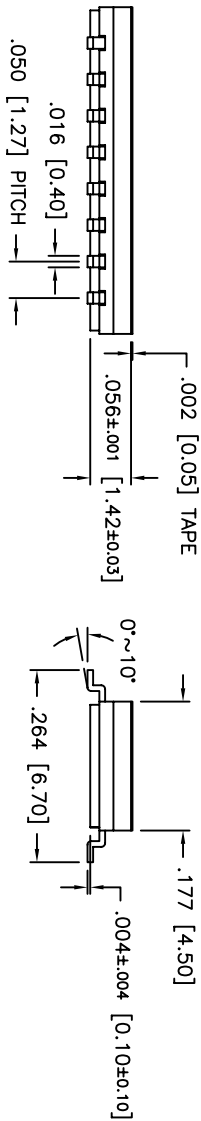
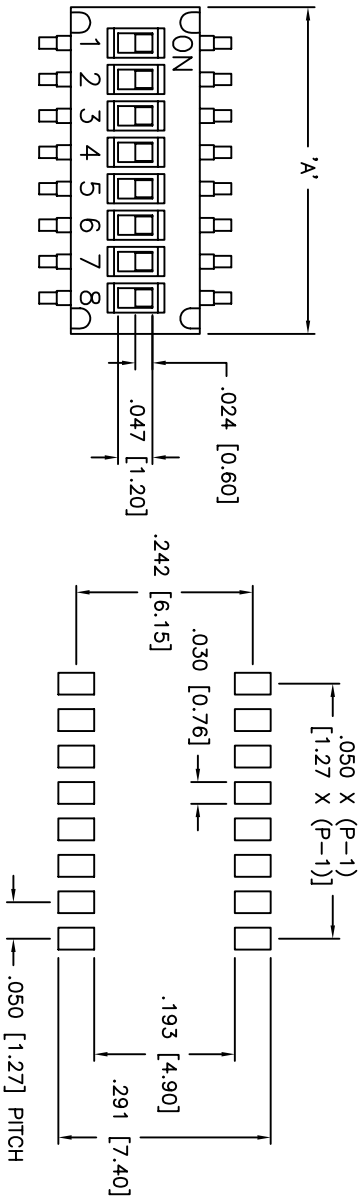


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CIRCUIT DIAGRAM

MODEL NUMBER	NO. OF POSITIONS	DIMENSION 'A'
NHDS02	2	.148 [3.77]
NHDS04	4	.248 [6.31]
NHDS06	6	.348 [8.85]
NHDS08	8	.448 [11.39]
NHDS10	10	.548 [13.93]

PROD. NO.: NHDS*****
PROD. SERIES: _____
NUMBER OF POSITIONS: _____
PAKAGING:
□ = TUBE
T/R = TAPE & REEL
SEALING:
□ = REGULAR
T = TOP TAPE SEAL
PLATING: _____
□ = 3u" GOLD MIN.
A = 10u" GOLD MIN.
□ = IN ON POSITION
F = IN OFF POSITION

DESCRIPTION: SURFACE MOUNT DIP SWITCH
WITH TAPE SEAL OPTION.
SPECIFICATIONS:

SWITCHING RATING: 25mA, 24VDC.
NON-SWITCHING RATING: 100mA, 50VDC.
CONTACT RESISTANCE: 100 MOHMS MAX
DIELECTRIC STRENGTH: 300VAC for 1 MINUTE.
INSULATION RESISTANCE: 100MOHMS MIN. AT 500VDC
CAPACITANCE: 5PF MAX.

OPERATING FORCE: 500 gf MAX.
STROKE: 0.6mm

OPERATING TEMP: -40° to 85° C.

STORAGE TEMP: -40° to 85° C.

ELECTRICAL LIFE: 1,000 CYCLES.

MECHANICAL LIFE: 1,000 OPERATIONS.

CIRCUIT: 1 POLE 1 THROW.

VIBRATION TEST: PASSES METHOD 201A. MIL-STD-202F.

SHOCK TEST: 50g PER METHOD 213B. MIL-STD-202F.

MATERIALS:

BASE & COVER: UL94V-0 NYLON THERMOPLASTIC

COLOR, BLACK

ACTUATOR: LCP THERMOPLASTIC.

COLOR, WHITE

CONTACT: COPPER ALLOY WITH GOLD PLATING OVER NICKEL

TERMINAL: BRASS WITH GOLD PLATING

TAPE: KAPTON

SOLDERING:

VAPOR PHASE & IR REFLOW CAN BE APPLIED.
240C MAX.

DATE	SYM	REVISION RECORD	DWN.	CK.
10/05	A	ECO# 484		CD

Q.A. INSPECT.	Q.A. INSPECT. △				
DESIGNATES CRITICAL DIMENSION	 63 Neck Rd. Haverhill, MA 01830 (408) 372-3554 FAX (408) 372-3554				
TOLERANCES (UNLESS OTHERWISE SPECIFIED)	.005 = ±.002 [0.05] .002 = ±.001 [0.02] .001 = ±.0005 [0.01] ANGLE = ±0.5°				
INCH (MM)	SHEET 1 OF 1	SIZE B	SCALE B:1	THIRD ANGLE PROJECTION	
TITLE NHDS**					
DO NOT SCALE DRAWING	DATE 12/28/04	DRAWING NO. B7627		PRN. PUD	REV A

Mouser Electronics

Authorized Distributor

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[NDI07H](#) [NDI07S](#) [NDI08H](#) [NDI08S](#) [NDI09H](#) [NDI10H](#) [NDIR01H](#) [NDIR01S](#) [NDIR02H](#) [NDIR02HT](#) [NDIR02S](#)
[NDIR02ST](#) [NDIR03H](#) [NDIR03HT](#) [NDIR03S](#) [NDIR03ST](#) [NDIR04H](#) [NDIR04HT](#) [NDIR04S](#) [NDIR05H](#) [NDIR05HT](#)
[NDIR05S](#) [NDIR05ST](#) [NDIR06H](#) [NDIR06HT](#) [NDIR06S](#) [NDIR06ST](#) [NDIR07H](#) [NDIR07HT](#) [NDIR07S](#) [NDIR07ST](#)
[NDIR08H](#) [NDIR08HT](#) [NDIR08S](#) [NDIR09H](#) [NDIR09HT](#) [NDIR09S](#) [NHDS02T](#) [NHDS06T](#) [NHDS08T](#) [NHDS08TTR](#)
[NHDS10T](#)