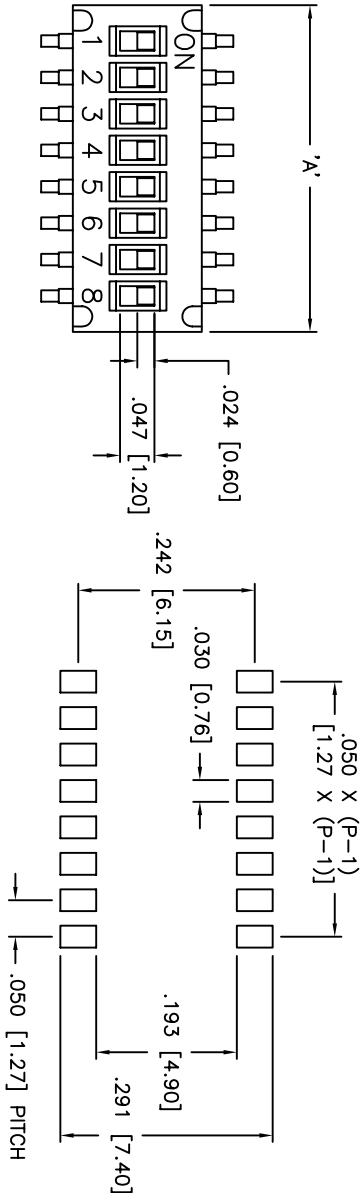
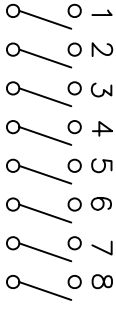
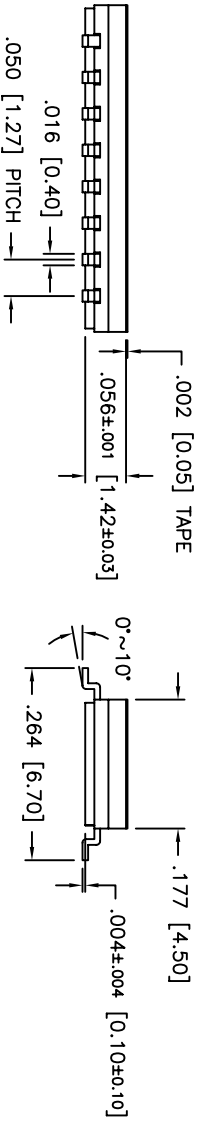


THIS DOCUMENT IS THE PROPERTY OF APEM COMPONENTS AND SHALL NOT BE COPIED, REPRODUCED, DISCLOSED OR USED AS THE BASIS FOR MANUFACTURING OR SALE WITHOUT PERMISSION OF A DULY AUTHORIZED REPRESENTATIVE OF APEM COMPONENTS INC.



UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE $\pm .002$ [0.05]

P.C. LAYOUT



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.						63 Neck Rd. Hopkinton, MA 01835 Tel: 508-372-1602 Fax: 508-372-3554		PRN. PJD BR: _____ CHK: _____ BY: _____		
DESIGNATES CRITICAL DIMENSION	∇									
TOLERANCES (except as noted)	INCH		SHEET		SIZE		SCALE		THIRD ANGLE PROJECTION	
.XXX = ± 0.02 [0.05]	(MM)		1 OF 1		B		B:1			
.XXX = ± 0.008 [0.20]	TITLE									
.XXX = ± 0.008 [0.02]	NHDS**									
ANGLE = $\pm 0.5^\circ$										
DO NOT SCALE	DATE		DRAWING NO.		REV					
	12/28/04		B7627		A					