DIPTRONICS MANUFACTURING INC.

Speed & Technique

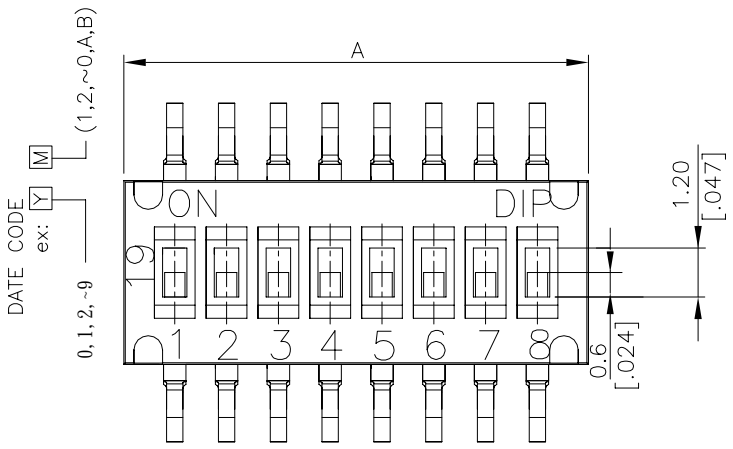
DHN(F) SERIES

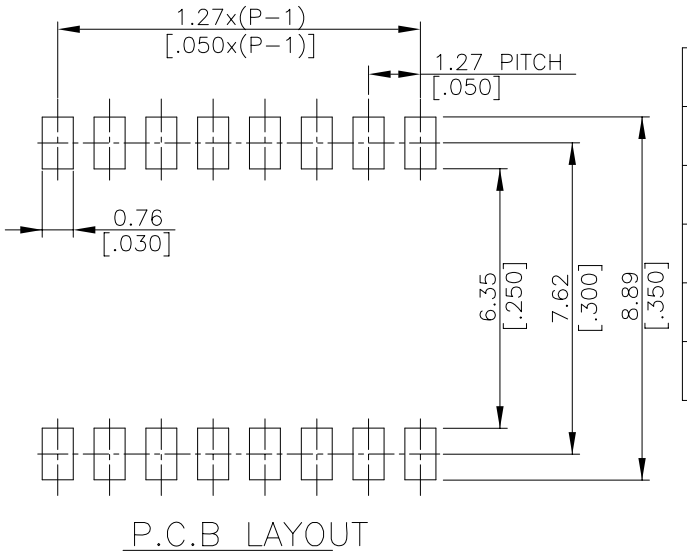
LEAD FREE

RoHS Compliant

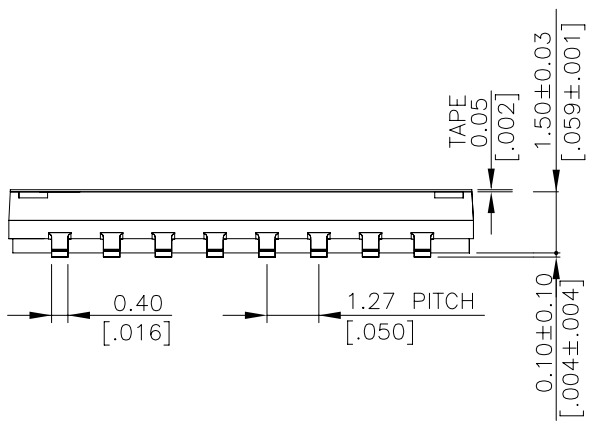
DIMENSIONS

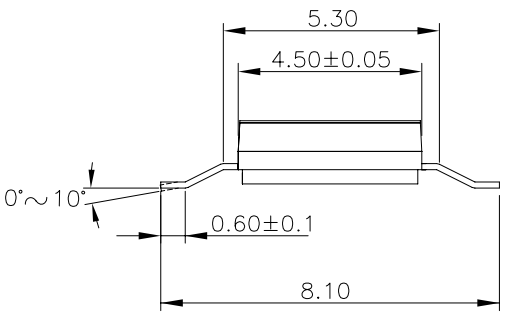
DHNF (Terminal length 8.1mm)

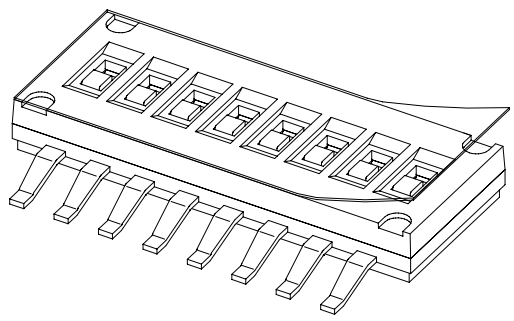




DHNF-02-V	2	3.77 [.148]
DHNF-04-V	4	6.31 [.248]
DHNF-06-V	6	8.85 [.348]
DHNF-08-V	8	11.39 [.448]
DHNF-10-V	10	13.93 [.548]
PROD.NO.	NO. OF POS	DIM A

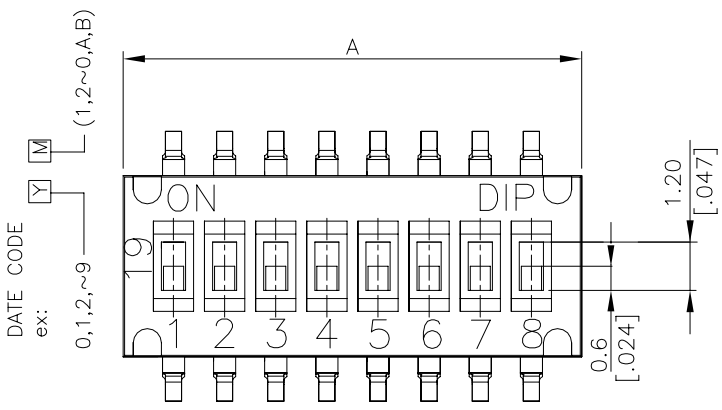


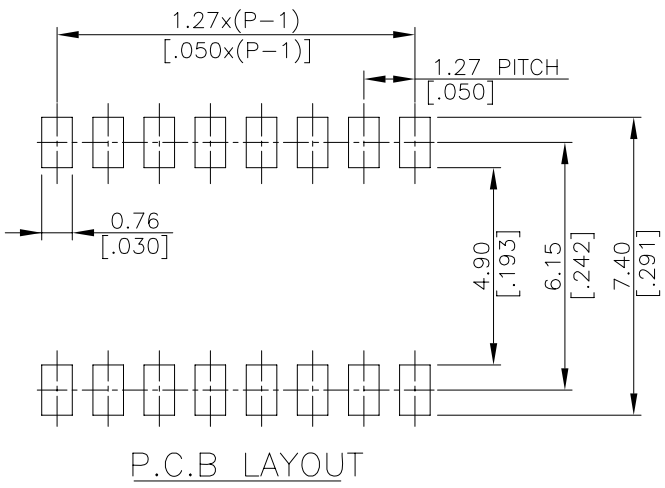




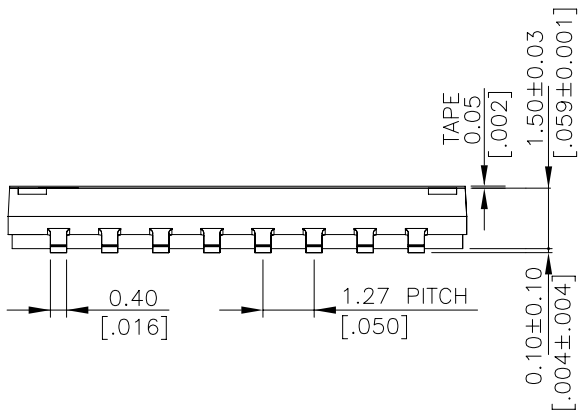
****GENERAL TOLERANCES MAX:±0.2mm.****

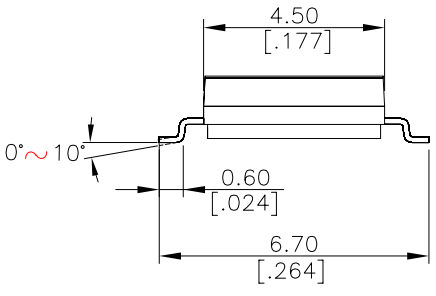
DHN (Terminal length 6.7mm)

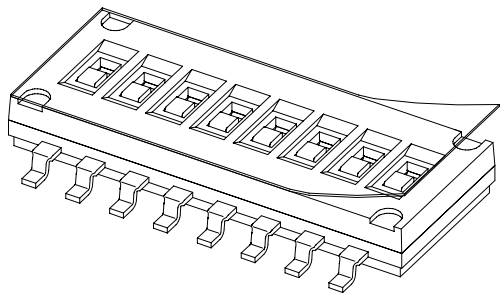




DHN-02-V	2	3.77 [.148]
DHN-04-V	4	6.31 [.248]
DHN-06-V	6	8.85 [.348]
DHN-08-V	8	11.39 [.448]
DHN-10-V	10	13.93 [.548]
PROD.NO.	NO. OF POS	DIM A







****GENERAL TOLERANCES MAX:±0.2mm.****

HOW TO ORDER

DHN(F) - □ □ - □ - □ - □ - □

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

Soldering
V = Lead Free Solderable

Sealed:
□ = Without Tape
T = Top Tape Sealed

F = In OFF Position

Number Of Positions:
02 = 2 Positions
04 = 4 Positions
06 = 6 Positions
08 = 8 Positions
10 = 10 Positions

F= Half Pitch Dip Switch (Terminal Length 8.1mm)
□= Half Pitch Dip Switch (Terminal Length 6.7mm)

SPECIFICATION

Mechanical Life	Operation Force	Stroke	Operation Temperature	Storage Temperature
1000 cycles	500 gf	0.6mm	-40℃to+85℃	-40℃to+85℃

ELECTRICAL

Electrical Life	Non-Switching Rating	Switching Rating	Contact Resistance	Insulation Resistance	Dielectric Strength	Circuit
1000 Cycles	100 mA ,50VDC	25mA, 24VDC	100mΩ max. at initial	100MΩ min. (at 500VDC)	300VAC/ 1minute	SPST

MATERIAL

△ Base : UL 94V-0 Nylon High – Temp. Thermoplastic
Color : Black
△ Cover : UL 94V-0 Nylon High – Temp. Thermoplastic
Color : Black
△ Actuators : LCP High – Temp.Thermoplastic
Color : White
△ Contact : Alloy Copper With Gold Plated
△ Terminal : Brass With Gold Plated
△ Tape : KAPTON

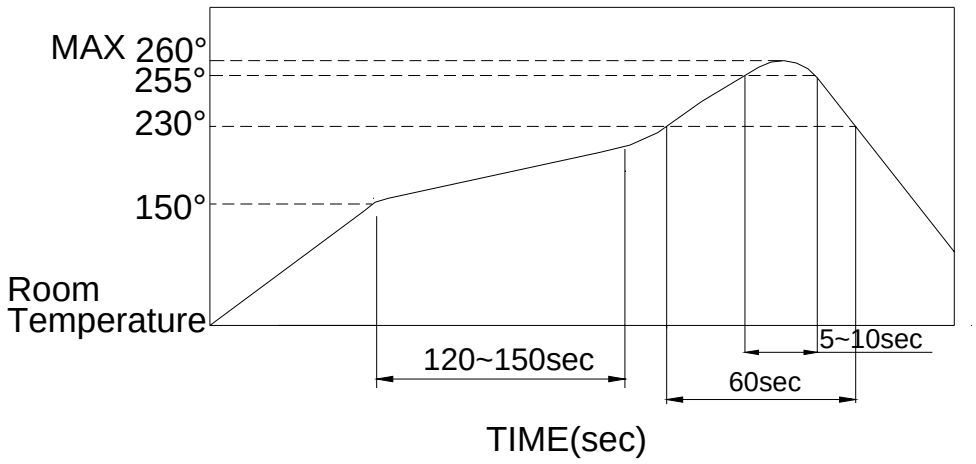
SOLDERING PROCESS

△CLEANING:

1. **Only Tape sealed types apply to wash process.**
2. **Do not remove the tape before wash process.**
3. **After soldering process, do not continue the wash process immediately. Please wait for at least 3 minutes.**
4. **Apply alcoholic solvents as cleaning agent do not use other solvents or water.**
5. **Ultrasonic cleaning is not recommended.**
6. **The cleaning process per stage is max. 1 minute and the whole cleaning time are not to exceed 3 minutes.**
7. **Do not impose any external force on switch while washing.**

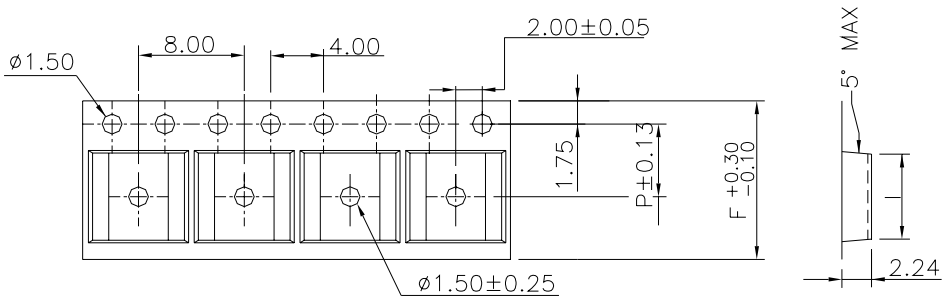
△ Any flux enters the switch may fail the conductivity.

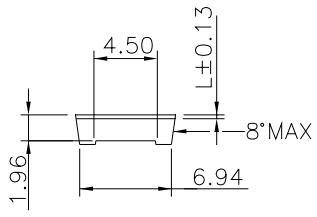
△Reflow Temperature Profile: （reference）



PACKING

DHN CARRIER

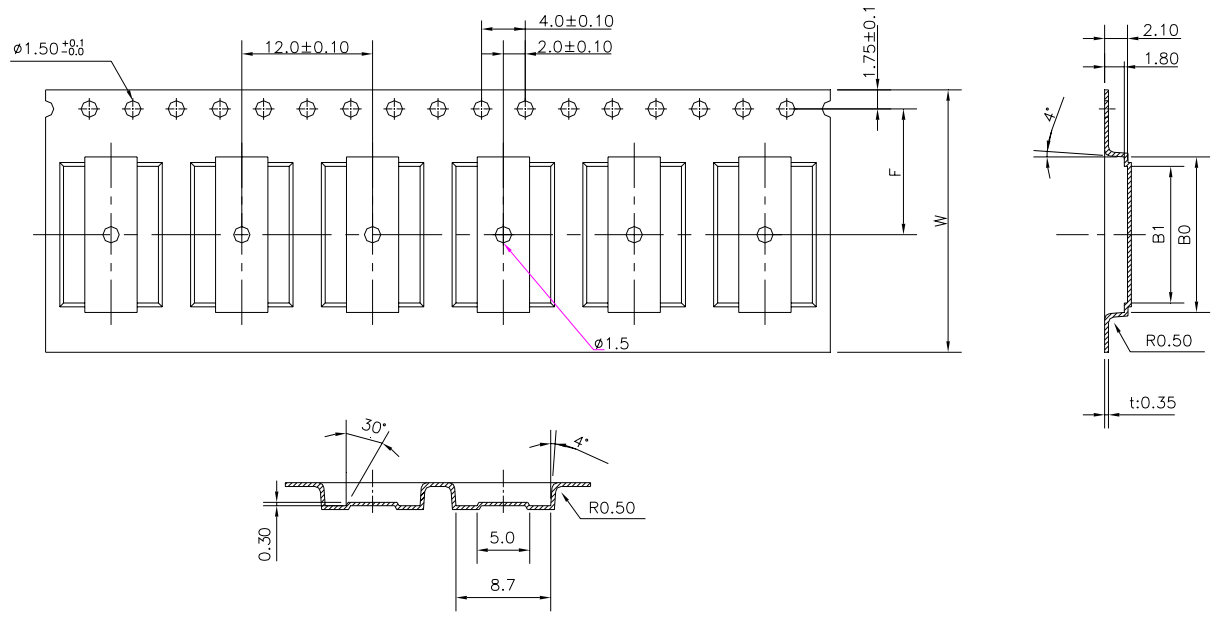




NHDS−10	6207A0000	24.0[.945]	14.40[.567]	0.305[.012]	11.50[.453]	21.3mm
NHDS−08	620780000	24.0[.945]	11.70[.461]	0.330[.013]	11.50[.453]	21.3mm
NHDS−06	620760000	24.0[.945]	9.20[.362]	0.305[.012]	11.50[.453]	21.3mm
NHDS−04	620740000	12.0[.472]	6.60[.266]	0.292[.012]	5.50[.217]	9.3mm
NHDS−02	620720000	12.0[.472]	4.20[.165]	0.229[.009]	5.50[.217]	9.3mm
NHDS TYPE	PART NO	DIM F	DIM I	DIM L	DIM P	COVER

****GENERAL TOLERANCES MAX:±0.1mm.****

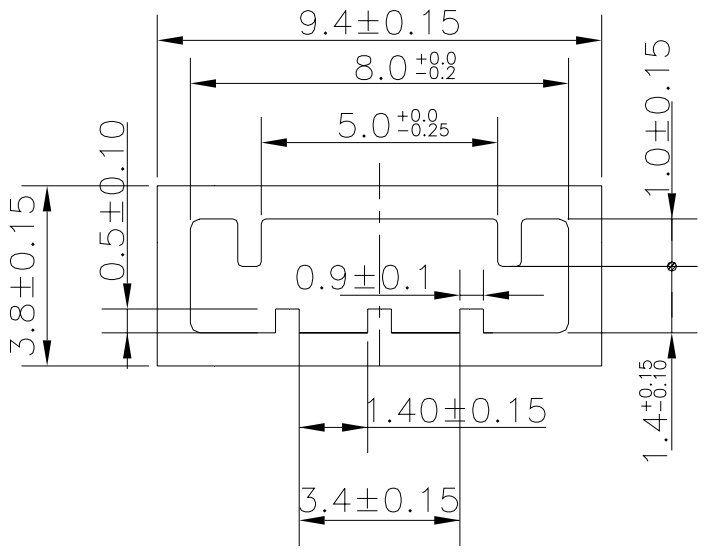
DHNF CARRIER



FHDS−10	6217A0000	24.00±0.3	11.00±0.1	14.23	12.50
FHDS−08	621780000			11.65 +0.20 −0.00	9.96
FHDS−06	621760000	16.00±0.3	7.50±0.1	9.15 +0.20 −0.00	7.42
FHDS−04	621740000			6.61	4.88
FHDS−02	621720000	12.00±0.3	5.5±0.1	4.07	2.34
PART NAME	PART NO	DIM W	DIM F	DIM B0	DIM B1

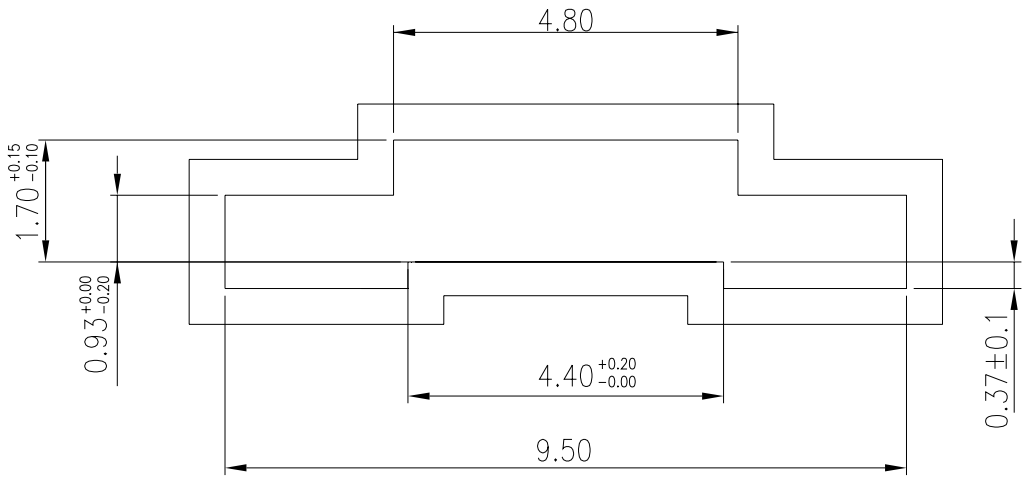
****GENERAL TOLERANCES MAX:±0.1mm.****

DHN TUBE



****GENERAL TOLERANCES MAX:±0.20mm.****

DHNF TUBE



****GENERAL TOLERANCES MAX:±0.20mm.****

Part Number	Number Per Tube	Number Per Reel
DHN-02	125	4000
DHN-04	75	4000
DHN-06	54	4000
DHN-08	40	4000
DHN-10	33	4000
DHNF-02	125	2500
DHNF-04	75	2500
DHNF-06	54	2500
DHNF-08	40	2500
DHNF-10	33	2500