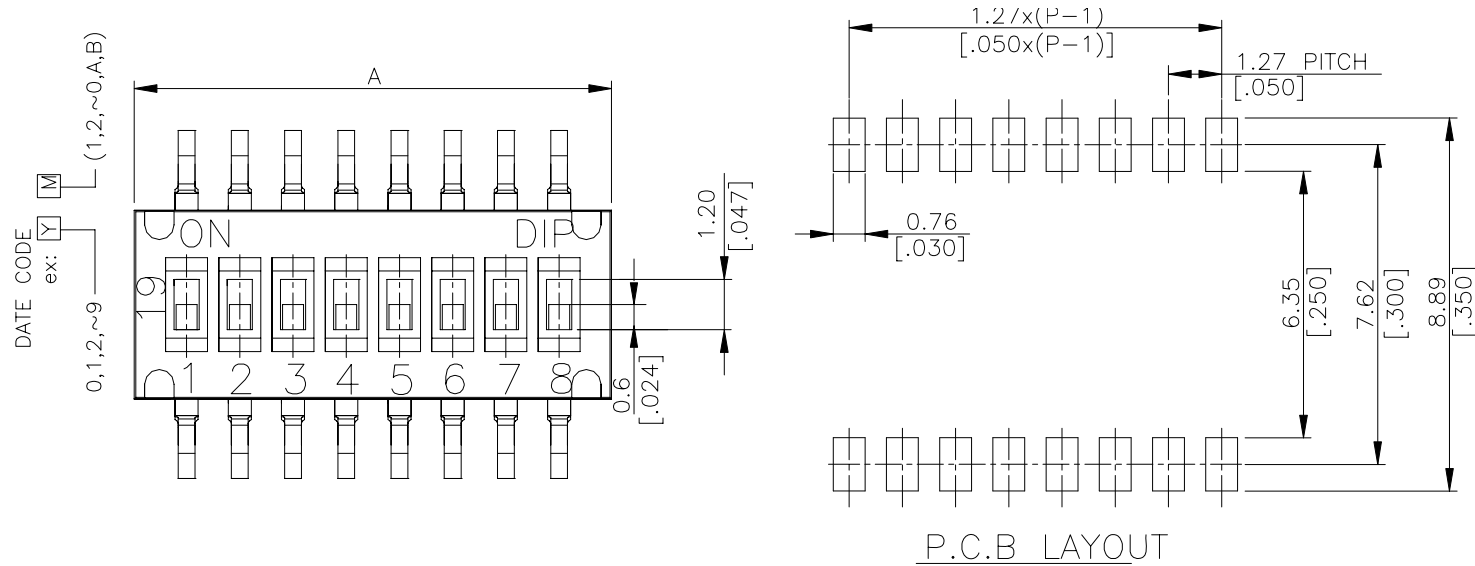



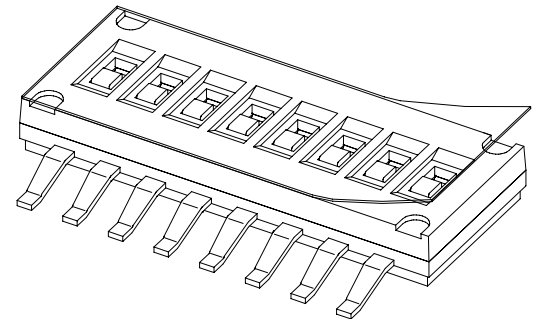
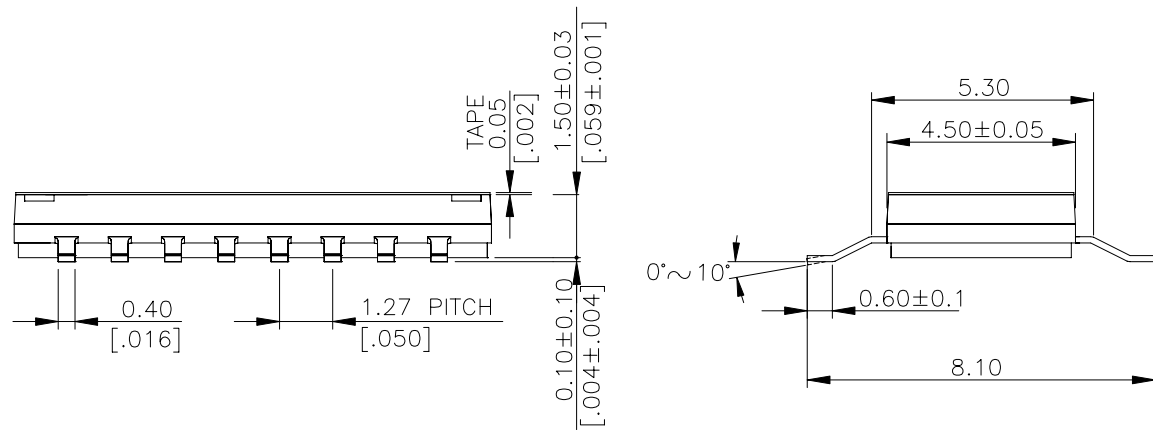
# DHN(F) SERIES

## DIMENSIONS

### DHNF (Terminal length 8.1mm)

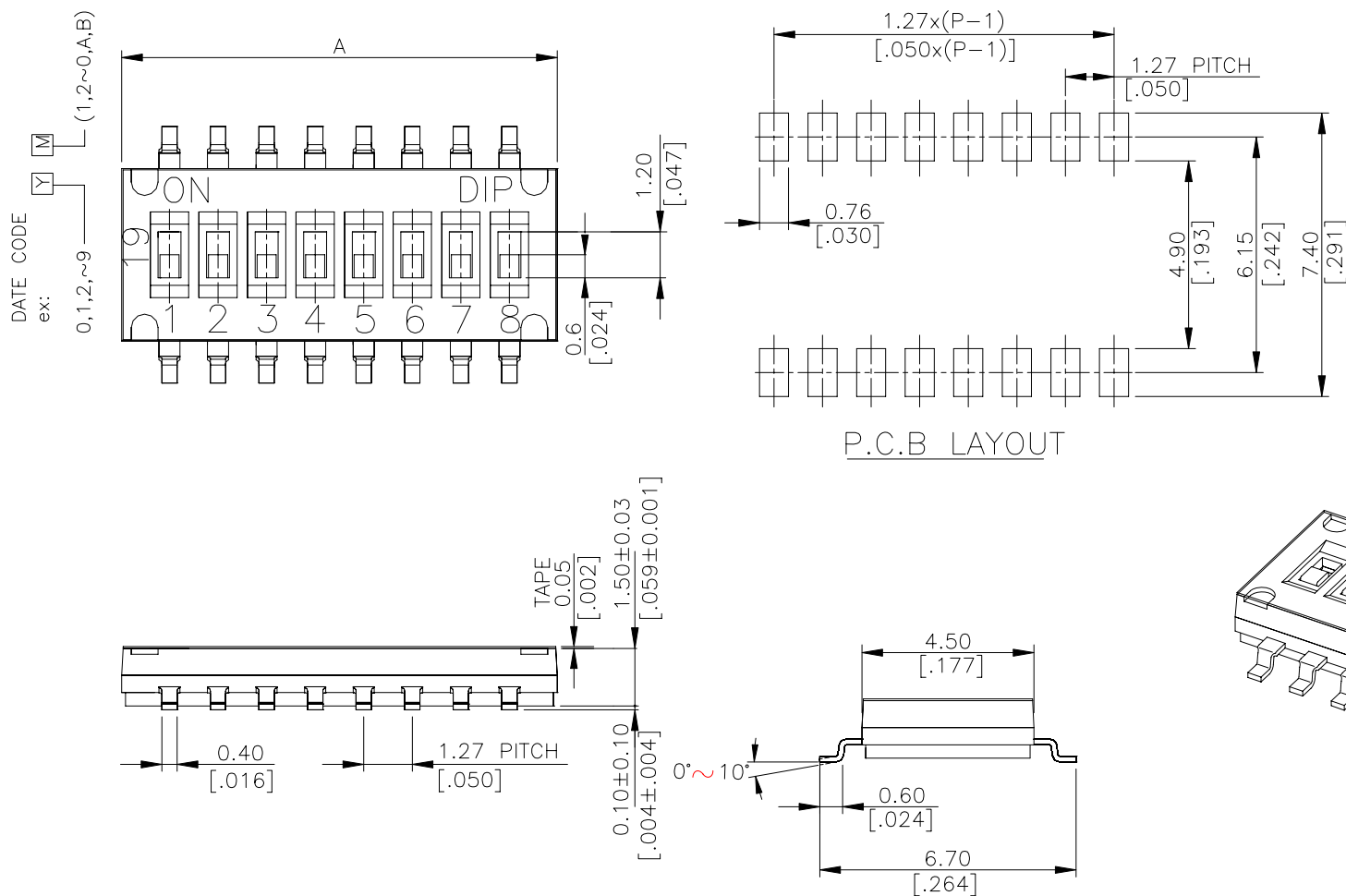


DHNF-02F-V	2	3.77 [.148]
DHNF-04F-V	4	6.31 [.248]
DHNF-06F-V	6	8.85 [.348]
DHNF-08F-V	8	11.39 [.448]
DHNF-10F-V	10	13.93 [.548]
PROD.NO.	NO. OF POS	DIM A
SCHEMATIC(TYP.)		
 (2,4,6,8,10 POS AVAIL)		

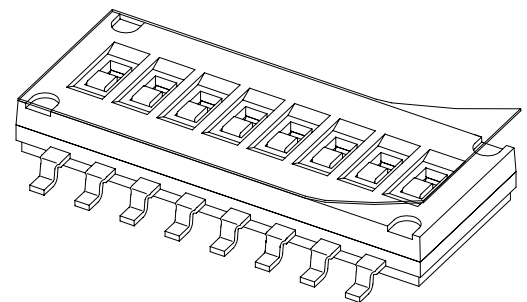
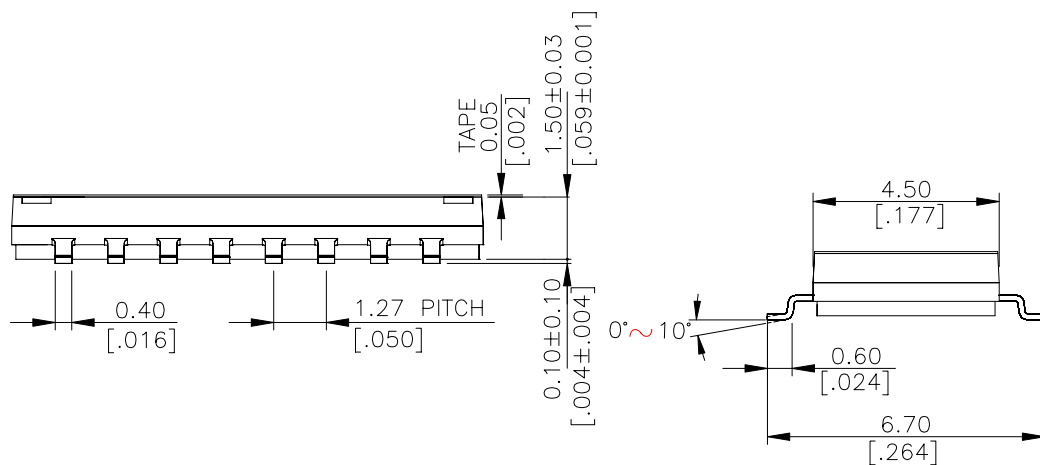


**\*\*GENERAL TOLERANCES MAX:±0.2mm.\*\***

### DHN (Terminal length 6.7mm)



DHN-02F-V	2	3.77 [.148]
DHN-04F-V	4	6.31 [.248]
DHN-06F-V	6	8.85 [.348]
DHN-08F-V	8	11.39 [.448]
DHN-10F-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 = The Actuator In "OFF" Position For Delivery

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

Color

△ Cover

Color

△ Actuators

Color

△ Contact

△ Terminal

△ Tape
- : UL 94V-0 Nylon High – Temp. Thermoplastic

: Black

: UL 94V-0 Nylon High – Temp. Thermoplastic

: Black

: LCP High – Temp. Thermoplastic

: White

: Alloy Copper With Gold Plated

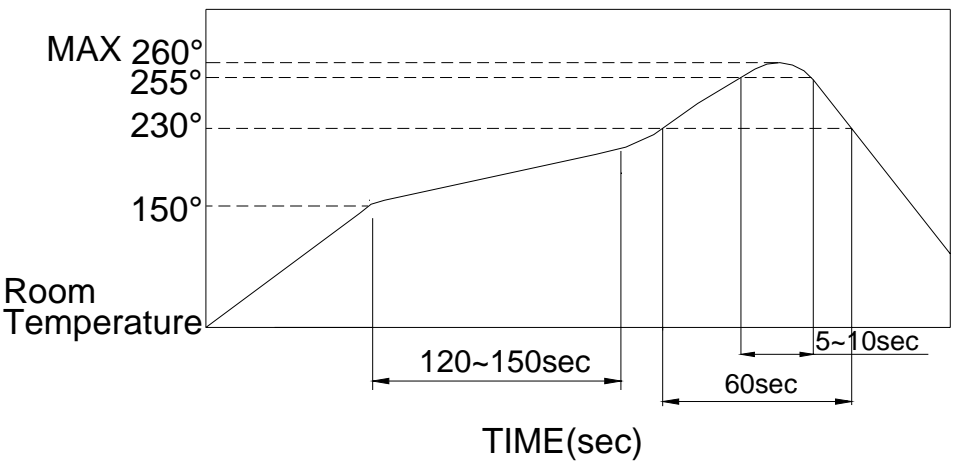
: Brass With Gold Plated

: KAPTON

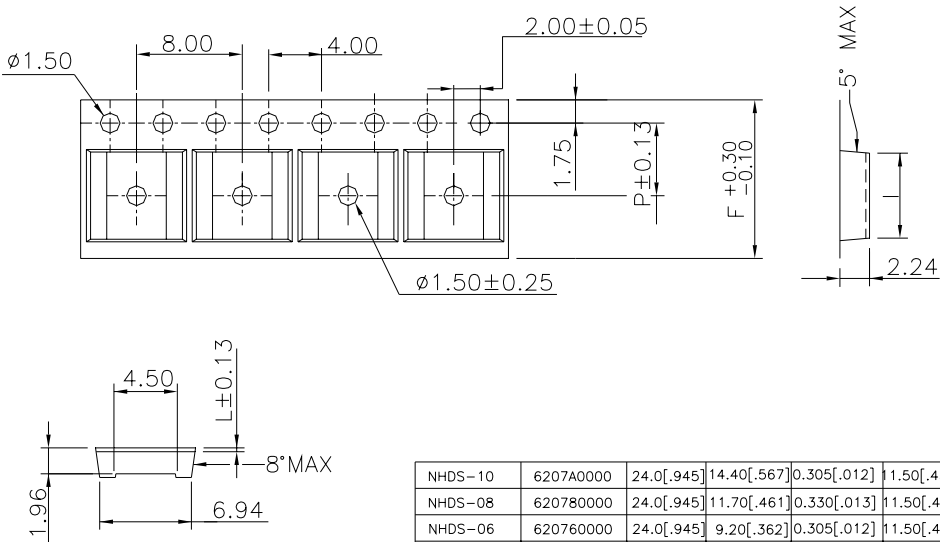
SOLDERING PROCESS

- △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）



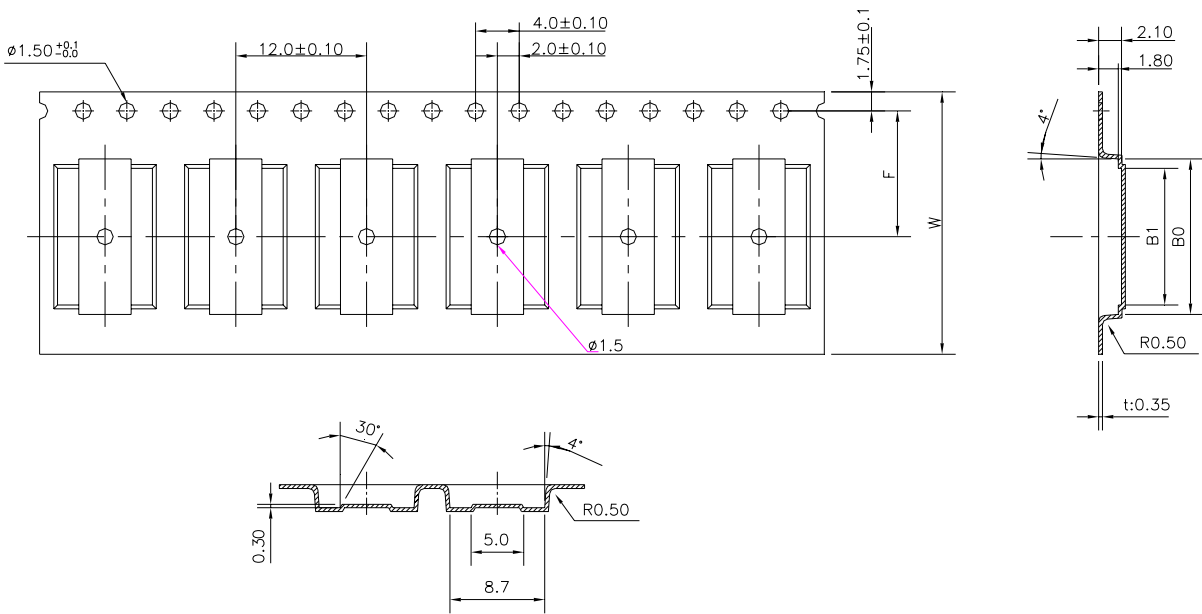
PACKING  
DHN CARRIER



NHDS-10	6207A0000	24.0[.945]	14.40[.567]	0.305[.012]	1.50[.453]	21.3mm
NHDS-08	620780000	24.0[.945]	11.70[.461]	0.330[.013]	1.50[.453]	21.3mm
NHDS-06	620760000	24.0[.945]	9.20[.362]	0.305[.012]	1.50[.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.\*\*

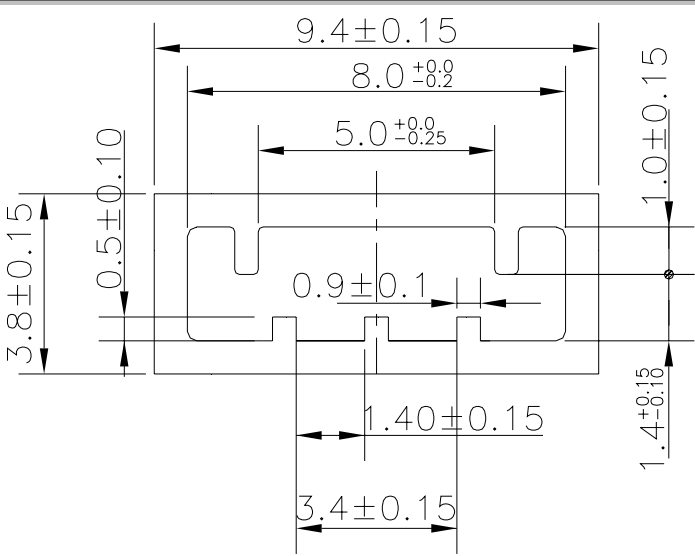
DHNF CARRIER



FHDS-10	6217A0000	24.00±0.3	11.00±0.1	14.23	12.50
FHDS-08	621780000	24.00±0.3	11.00±0.1	11.65±0.20	9.96
FHDS-06	621760000	24.00±0.3	11.00±0.1	9.15±0.20	7.42
FHDS-04	621740000	12.00±0.3	5.50±0.1	6.61	4.88
FHDS-02	621720000	12.00±0.3	5.50±0.1	4.07	2.34
PART NAME	PART NO	DIM W	DIM F	DIM B0	DIM B1

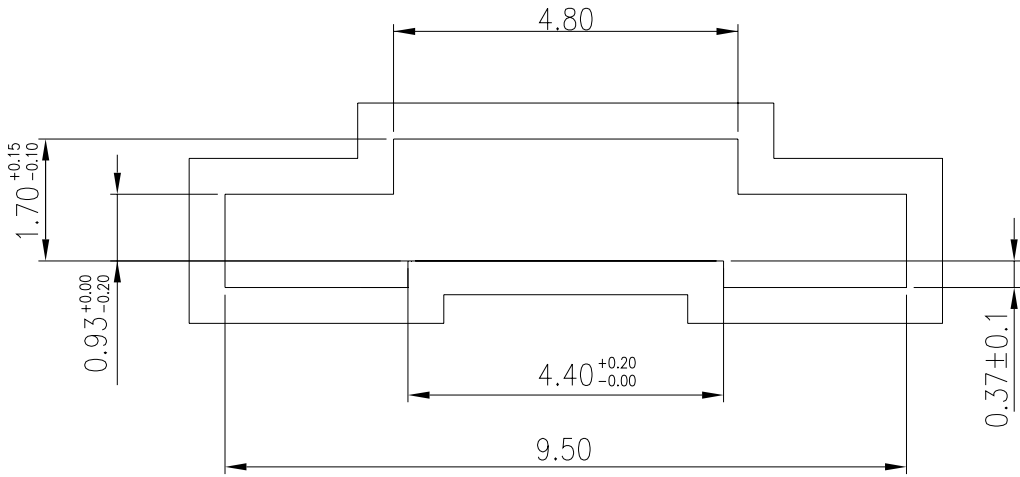
\*\*GENERAL TOLERANCES MAX:±0.1mm.\*\*

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