

RoHS

Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE $\pm 0.05$ )

### SPECIFICATIONS

Rated Current:3.0AMP

Contact Resistance:20m $\Omega$  Max

Withstand Voltage:1000V AC/DC

Insulation Resistance:1000M $\Omega$  Min

Operation Temperature:-40 $^{\circ}$ c to +105 $^{\circ}$ c

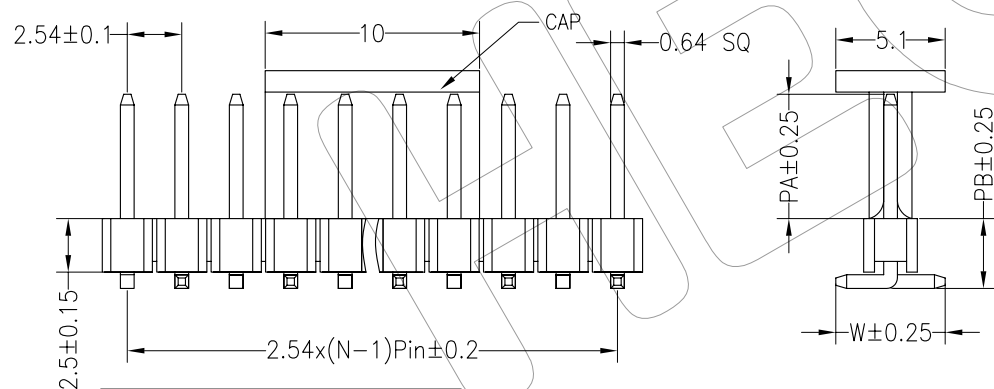
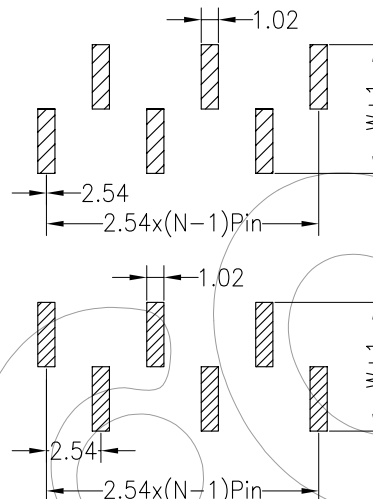
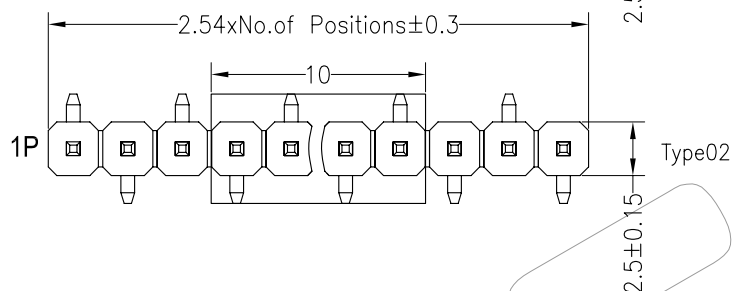
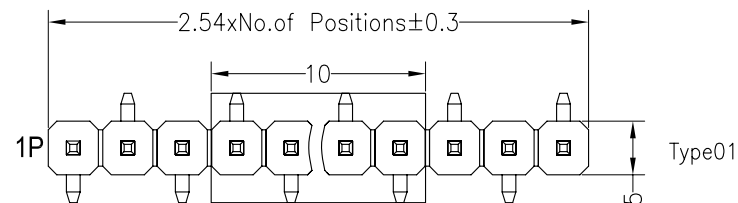
Contact Material:Brass

Contact Plating:Au Over Ni

Insulator Material:Polyester(UL94V-0)

Standard: PA6T

Max.Processing Temp: 230 $^{\circ}$ C for 30-60 seconds  
(260 $^{\circ}$ C for 10 seconds)



Dimension antitheses list

| ITEM      | PA   | PB   | W    | L    |
|-----------|------|------|------|------|
| Standard  | 6.00 | 3.30 | 4.80 | 11.0 |
| Alternate |      |      |      |      |

## Ordering Information

HC-PH425 1 1 XX X N XX M XXX X 01(2)

| No.of Pins<br>Per Row<br>1*40 | Insulator Material<br>Option<br>A=BK-PBT<br>B=BK-PA66<br>C=BK-PA6T<br>D=BK-PA46<br>F=BK-LCP | Post<br>W=With Post<br>N=W/O Post | Contact Plating<br>G0:Gold Flash<br>G2:5U" Gold<br>G3:10U" Gold<br>G4:15U" Gold<br>G5:30U" Gold<br>S0:Gold Flash/Tin<br>SN:Tin | Pin Length | Packing<br>0=PE Bag<br>A=Tray<br>T=Tube<br>P=Tube+Cap<br>R=Reel+Cap<br>M=Reel+Mylar |
|-------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|
|-------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|

### OPERATION

X.X  $\pm 0.30$

X.XX  $\pm 0.20$

X.XXX  $\pm 0.10$

Angle  $\pm 3^{\circ}$

DIM TOL

DRAW

Ayang

CHECK

APPROVE

SCALE

FIT

UNIT

mm

SIZE

A4

SHEET

1/1

PROJ.

$\Phi$

**HECON** 东莞市禾康电子有限公司  
DONGGUAN HECON ELECTRONICS CO.,LTD

PART NO.

HC-PH42511XXNXXMXXXX01(2)

TITLE:

2.54mm H2.5 Single Row SMT Pin Header