

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

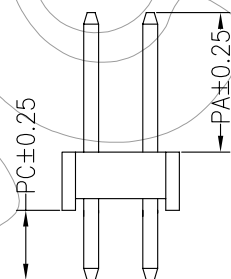
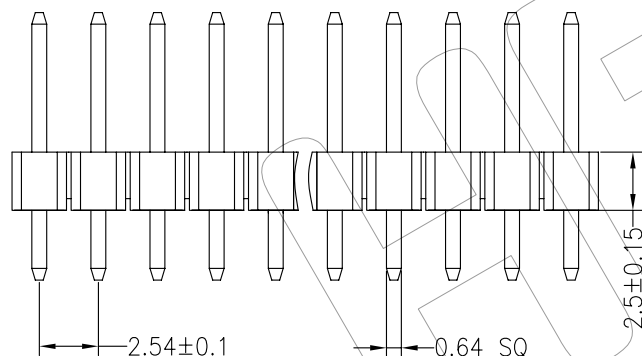
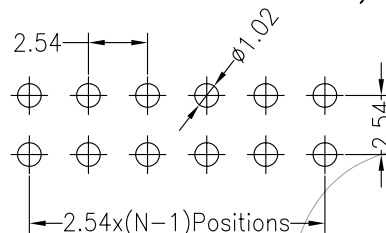
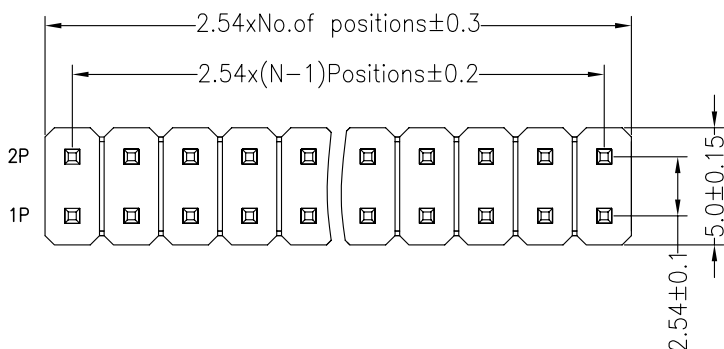
Contact Material:Brass

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   | PC   | L    |
| Standard                  | 6.00 | 3.00 | 11.5 |
| Alternate                 |      |      |      |

#### Ordering Information

HC-PH425 12 XX X N XX S XXX X 01

No.of Pins  
Per Row  
1x40  
2x40  
3x40  
1--40  
2--80  
3--120

Insulator Material  
Option  
A=BK-PBT  
B=BK-PA66  
C=BK-PA6T  
D=BK-PA46  
F=BK-LCP

Contact Plating  
G0:Gold Flash  
G2:5U" Gold  
G3:10U" Gold  
G4:15U" Gold  
G5:30U" Gold  
S0:Gold Flash/Tin  
SN:Tin

Pin Length

Packing  
0=PE Bag  
A=Tray  
T=Tube  
P=Tube+Cap  
R=Reel+Cap

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-PH42512XXXNXXSXXXX01

TITLE:

2.54mm H2.5 Dual Row Straight Pin Header