

RoHS

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

### SPECIFICATIONS

Rated Current:1.5AMP

Contact Resistance:20m $\Omega$  Max

Withstand Voltage:500V AC/DC

Insulation Resistance:1000M $\Omega$  Min

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

Contact Material:Brass

Contact Plating:Au or Sn Over Ni

Insulator Material:Polyester(UL94V-0)

Standard: PA6T

Max.Processing Temp: 230 $^{\circ}$ C for 30-60 seconds  
(260 $^{\circ}$ C for 5 seconds)

### Ordering Information

HC-PH51012 XX X S XX N XXX X 01

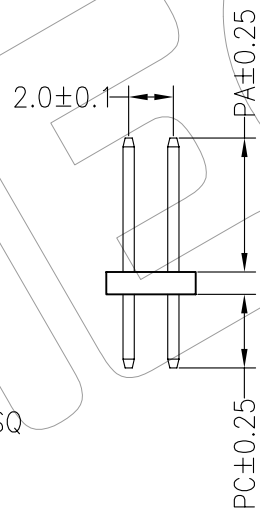
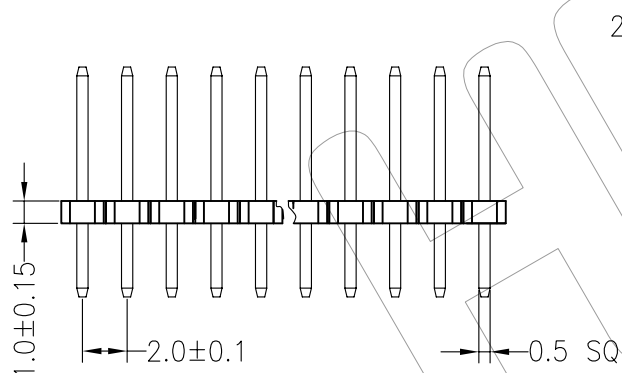
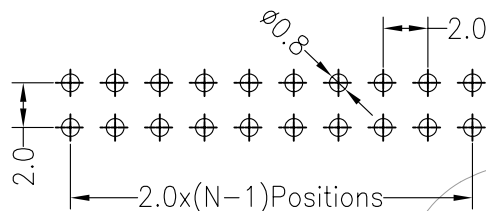
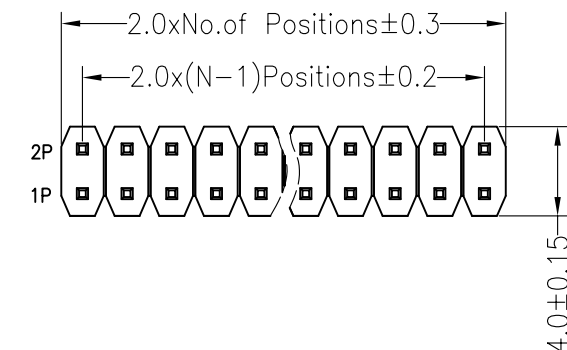
No.of  
Pins  
Per Row  
1x40  
2x40  
3x40  
1--40  
2--80  
3--120

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

Contact Plating  
G0:Gold Flash  
G2:1.5U" Gold  
G3:3U" Gold  
G4:5U" Gold  
G5:10U" Gold  
G6:15U" Gold  
S0:Gold Flash/Tin  
SN:Tin

Pin Length

Packing  
O=PE Bag  
A=Tray  
T=Tube  
P=Tube+Cap  
R=Reel+Cap  
M=Reel+Mylar



| Dimension antitheses list |      |      |      |
|---------------------------|------|------|------|
| ITEM                      | PA   | PC   | L    |
| Standard                  | 4.00 | 2.80 | 7.80 |
| Alternate                 |      |      |      |

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-PH51012XXXSXXNXXXX01

TITLE:

2.0mm H1.0 Dual Row Straight Pin Header