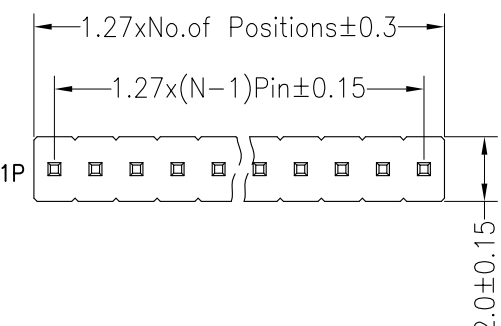
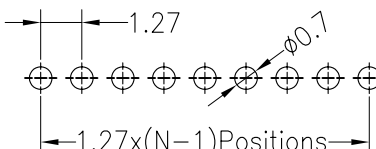
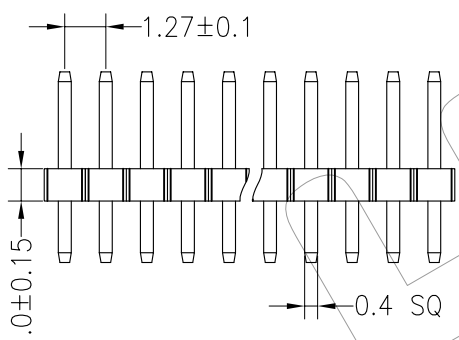
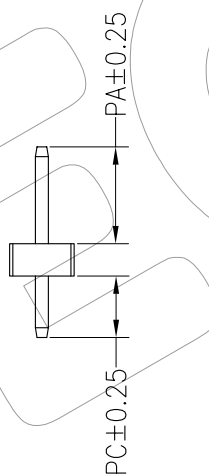


|                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                                                                                                              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4       | 5                                                                                                                                                                                               | 6     | 7                                                                                                                                                                                  | 8   | 9                                                                |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------|-----------|------|-------|-------|-----|------------------------------------------------------------------|--|--|--|--|-----|-------|--|--|--|------|-------|-------|--|------|----|---------------------------------------|--|--|--|--|-------|-------|--|--|------|----|----|--|--|-------|-----|---------|--|-------|-----|------------------------------------------------------|--|-----|------|--------------------------|--------|-----|-----|-------|--|
| G                              | RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                                                                                                                                                                                 |       | SPECIFICATIONS<br>Rated Current:1.0AMP<br>Contact Resistance:20mΩ Max<br>Withstand Voltage:500V AC/DC<br>Insulation Resistance:1000MΩ Min<br>Operation Temperature:-40°c to +105°c |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| F                              | Recommended P.C.B Layout(Top Side)<br>(PCB BOARD TOLERANCE±0.05)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | Contact Material:Brass<br>Contact Plating:Au or Sn Over Ni<br>Insulator Material:Polyester(UL94V-0)<br>Standard: PA6T<br>Max.Processing Temp: 230°C for 30-60 seconds<br>(260°C for 10 seconds) |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| E                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| D                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                        |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| C                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | <h3>Ordering Information</h3> <p>HC-PH71011 XX X S XX N XXX X 01</p> <table border="0"><tr><td>No.of Pins Per Row<br/>1*1~1*50</td><td>Insulator Material Option<br/>A=BK-PBT<br/>B=BK-PA66<br/>C=BK-PA6T<br/>D=BK-PA46<br/>F=BK-LCP</td><td>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</td><td>Pin Length<br/>O=PE Bag<br/>A=Tray<br/>T=Tube<br/>P=Tube+Cap</td><td>Packing</td></tr></table> |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  | No.of Pins Per Row<br>1*1~1*50 | Insulator Material Option<br>A=BK-PBT<br>B=BK-PA66<br>C=BK-PA6T<br>D=BK-PA46<br>F=BK-LCP | 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<br>O=PE Bag<br>A=Tray<br>T=Tube<br>P=Tube+Cap | Packing   |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| No.of Pins Per Row<br>1*1~1*50 | Insulator Material Option<br>A=BK-PBT<br>B=BK-PA66<br>C=BK-PA6T<br>D=BK-PA46<br>F=BK-LCP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 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<br>O=PE Bag<br>A=Tray<br>T=Tube<br>P=Tube+Cap                                                                                                                                                                                                                                                                                                                                                                                                                                  | Packing |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| B                              | <table border="1"><thead><tr><th colspan="4">Dimension antitheses list</th></tr><tr><th>ITEM</th><th>PA</th><th>PC</th><th>L</th></tr></thead><tbody><tr><td>Standard</td><td>1.80</td><td>1.80</td><td>4.60</td></tr><tr><td>Alternate</td><td></td><td></td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                | Dimension antitheses list                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                 |       | ITEM                                                                                                                                                                               | PA  | PC                                                               | L                              | Standard                                                                                 | 1.80                                                                                                                           | 1.80                                                     | 4.60      | Alternate |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| Dimension antitheses list      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| ITEM                           | PA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PC                                                                                                                             | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| Standard                       | 1.80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.80                                                                                                                           | 4.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| Alternate                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| A                              | <table border="1"><thead><tr><th colspan="3"></th><th colspan="2">OPERATION</th><th rowspan="2">DRAW</th><th rowspan="2">Ayang</th><th rowspan="2">SCALE</th><th rowspan="2">FIT</th><th colspan="2" rowspan="2"><h2>HECON</h2> 东莞市禾康电子有限公司<br/>DONGGUAN HECON ELECTRONICS CO.,LTD</th></tr><tr><th colspan="3"></th><th>X.X</th><th>±0.30</th></tr></thead><tbody><tr><td colspan="3"></td><td>X.XX</td><td>±0.20</td><td>CHECK</td><td></td><td>UNIT</td><td>mm</td><td colspan="2" rowspan="2">PART NO.<br/><br/>HC-PH71011XXSXNNXXX01</td></tr><tr><td colspan="3"></td><td>X.XXX</td><td>±0.10</td><td></td><td></td><td>SIZE</td><td>A4</td></tr><tr><td colspan="3">A0</td><td>Angle</td><td>±3'</td><td>APPROVE</td><td></td><td>SHEET</td><td>1/1</td><td colspan="2" rowspan="2">TITLE:<br/><br/>1.27mm H1.0 Single Row 180° Pin Header</td></tr><tr><td>REV</td><td>DATE</td><td>MODIFICATION DESCRIPTION</td><td>CHANGE</td><td>DIM</td><td>TOL</td><td>PROJ.</td><td></td></tr></tbody></table> |                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          | OPERATION |           | DRAW | Ayang | SCALE | FIT | <h2>HECON</h2> 东莞市禾康电子有限公司<br>DONGGUAN HECON ELECTRONICS CO.,LTD |  |  |  |  | X.X | ±0.30 |  |  |  | X.XX | ±0.20 | CHECK |  | UNIT | mm | PART NO.<br><br>HC-PH71011XXSXNNXXX01 |  |  |  |  | X.XXX | ±0.10 |  |  | SIZE | A4 | A0 |  |  | Angle | ±3' | APPROVE |  | SHEET | 1/1 | TITLE:<br><br>1.27mm H1.0 Single Row 180° Pin Header |  | REV | DATE | MODIFICATION DESCRIPTION | CHANGE | DIM | TOL | PROJ. |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | OPERATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         | DRAW                                                                                                                                                                                            | Ayang | SCALE                                                                                                                                                                              | FIT | <h2>HECON</h2> 东莞市禾康电子有限公司<br>DONGGUAN HECON ELECTRONICS CO.,LTD |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | X.X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±0.30   |                                                                                                                                                                                                 |       |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | X.XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ±0.20   | CHECK                                                                                                                                                                                           |       | UNIT                                                                                                                                                                               | mm  | PART NO.<br><br>HC-PH71011XXSXNNXXX01                            |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | X.XXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±0.10   |                                                                                                                                                                                                 |       | SIZE                                                                                                                                                                               | A4  |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| A0                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                | Angle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±3'     | APPROVE                                                                                                                                                                                         |       | SHEET                                                                                                                                                                              | 1/1 | TITLE:<br><br>1.27mm H1.0 Single Row 180° Pin Header             |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
| REV                            | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MODIFICATION DESCRIPTION                                                                                                       | CHANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DIM     | TOL                                                                                                                                                                                             | PROJ. |                                                                                                                                                                                    |     |                                                                  |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |
|                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                                                                                                              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4       | 5                                                                                                                                                                                               | 6     | 7                                                                                                                                                                                  | 8   | 9                                                                |                                |                                                                                          |                                                                                                                                |                                                          |           |           |      |       |       |     |                                                                  |  |  |  |  |     |       |  |  |  |      |       |       |  |      |    |                                       |  |  |  |  |       |       |  |  |      |    |    |  |  |       |     |         |  |       |     |                                                      |  |     |      |                          |        |     |     |       |  |

Rated Current:1.0AMP  
Contact Resistance:20mΩ Max  
Withstand Voltage:500V AC/DC  
Insulation Resistance:1000MΩ Min  
Operation Temperature:-40°C to +105°C

Contact Material:Brass  
Contact Plating:Au or Sn Over Ni  
Insulator Material:Polyester(UL94V-0)  
Standard: PA6T  
Max.Processing Temp: 230°C for 30-60 seconds  
(260°C for 10 seconds)

Contact Material:Brass  
Contact Plating: Au or Sn Over Ni  
Insulator Material: Polyester(UL94V-0)  
Standard: PA6T  
Max.Processing Temp: 230°C for 30-60 seconds  
(260°C for 10 seconds)

HC-PH71011 XX X S XX N XXX X01

| No. of Pins | Insulator Material | Contact  | Plating   | Pin Length | Packing    |
|-------------|--------------------|----------|-----------|------------|------------|
| Per Row     | Option             | G0: Gold | Flash     |            | A=PE Bag   |
| 1*1~1*50    | A=BK-PBT           | G2: 5U"  | Gold      |            | O=Tray     |
|             | B=BK-PA66          | G3: 10U" | Gold      |            | T=Tube     |
|             | C=BK-PA6T          | G4: 15U" | Gold      |            | P=Tube+Cap |
|             | D=BK-PA46          | G5: 30U" | Gold      |            |            |
|             | F=BK-LCP           | S0: Gold | Flash/Tin |            |            |
|             |                    | SN: Tin  |           |            |            |

| Dimension antitheses list |      |      |      |
|---------------------------|------|------|------|
| ITEM                      | PA   | PC   | L    |
| Standard                  | 1.80 | 1.80 | 4.60 |
| Alternate                 |      |      |      |

|     |      |                          |        |           |       |         |       |  |       |                                                                                       |                                                         |                                        |
|-----|------|--------------------------|--------|-----------|-------|---------|-------|--|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------|
|     |      |                          |        | OPERATION |       | DRAW    | Ayang |  | SCALE | FIT                                                                                   | HECON 东莞市禾康电子有限公司<br>DONGGUAN HECON ELECTRONICS CO.,LTD |                                        |
|     |      |                          |        | X.X       | ±0.30 |         |       |  | UNIT  | mm                                                                                    |                                                         |                                        |
|     |      |                          |        | X.XX      | ±0.20 | CHECK   |       |  | SIZE  | A4                                                                                    | PART NO.                                                | HC-PH71011XXXSXXNXXX01                 |
|     |      |                          |        | X.XXX     | ±0.10 |         |       |  | SHEET | 1/1                                                                                   |                                                         |                                        |
| A0  |      | NEW DRAWING              |        | Angle     | ±3'   | APPROVE |       |  | PROJ. |  | TITLE:                                                  | 1.27mm H1.0 Single Row 180° Pin Header |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | DIM       | TOL   |         |       |  |       |                                                                                       |                                                         |                                        |