

# HSF

**NOTES:**

Rated Current: 5.0AMP.(20°C,1\*2P-1\*15P)  
 3.0AMP.(20°C,1\*16P-1\*40P)  $\triangle A2$

Contact Resistance: 20mΩ Max.

Withstand Voltage: 1000V AC/DC

Insulation Resistance: 1000MΩ Min.

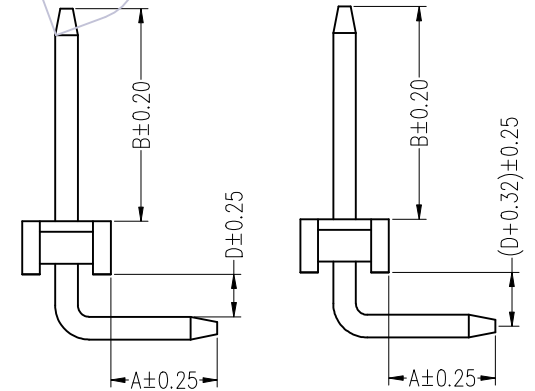
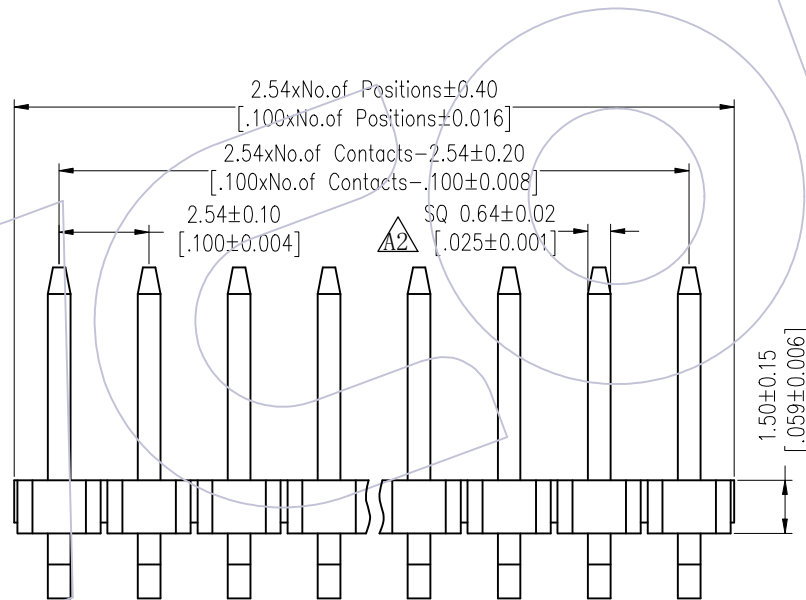
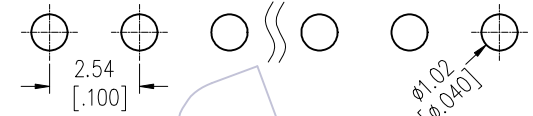
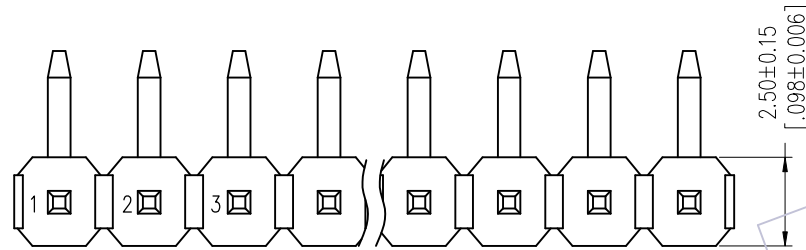
Operation Temperature: -40°C to +125°C(Gold Plating)  $\triangle A2$   
 -40°C to +105°C(Tin Plating)

Contact Material: Copper Alloy

Contact Plating: Au or Sn Over 30u" Min Ni  $\triangle A2$

Insulator Material: PA9T+G.F UL94V-0 BK  $\triangle A2$

Recommended P.C.B Layout (Top Side)  
 (PCB BOARD TOLERANCE±0.05)  
 (PCB Thickness: T=1.60mm)



变更前标注

变更后标注

## Ordering Information

1115-1 1 XX XX R XXX C X XX  $\triangle A2$

- Plastic Layer
- Plastic Row
- No. of Pins
- Per Row: 02-40
- Contact Plating
- G0=Gold Flash
- G3=10u"Au, BG3=8u"PdNi+2u"Au
- G4=15u"Au, BG4=13u"PdNi+2u"Au
- G5=30u"Au, BG5=28u"PdNi+2u"Au
- S0=Gold Flash/Tin
- S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn
- S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn
- S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn  $\triangle A2$
- SN=Bright Tin
- SM=Matte Tin
- Series No. 01-99
- Packing 0=PE Bag
- Insulator Material C=PA9T(Standard)
- Pin Length L(See Table)
- Type: R=R/A

| Item      | Pin Length | A         | D   | B    | Mating          |
|-----------|------------|-----------|-----|------|-----------------|
| Standard  | 10.3       | 3.00      | 1.2 | 3.5  | 2135/2150T/2157 |
|           | 10.8       |           |     | 4.0  | 2145/2150       |
|           | 11.8       |           |     | 5.0  | 2168T/2171T     |
|           | 12.5       |           |     | 5.84 | 2171/2185X      |
| Standard  | 9.3        | 2.0 (THR) | 1.2 | 3.5  | 2135/2150T/2157 |
|           | 9.8        |           |     | 4.0  | 2145/2150       |
|           | 10.8       |           |     | 5.0  | 2168T/2171T     |
|           | 11.5       |           |     | 5.84 | 2171/2185X      |
| Alternate |            |           |     |      |                 |

| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE       | OPERATION   | DRAW        | DATE       | SCALE | Fit | PART NO.                                       |
|-----|------------|--------------------------|--------------|-------------|-------------|------------|-------|-----|--|
| A2  | 2025/03/20 | Standardization Drawing  | CP           | x.x ±0.40   | CP          | 2025/03/20 | UNIT  | mm  | 1115-11XXXXRXXXCXXX                            |
| A1  | 2018/01/05 | Modify P/N               | Ruipeng      | x.xx ±0.25  | CHECK       | DATE       | SIZE  | A4  | TITLE:   |
| A0  | 2012/05/02 | NEW                      | William Chen | x.xxx ±0.15 | TANG        | 2025/03/20 | SHEET | 1/2 | PH2.54 SINGLE ROW<br>90° H=1.5 CONCAVE BENDING |
|     |            |                          |              | Angle ± 3°  | APPROVE     | DATE       | PROJ. |     | Customer NO.                                   |
|     |            |                          |              | DIM TOL     | Steven Zhao | 2025/03/20 |       |     |  |

# WCON

Http: www.wcon.com

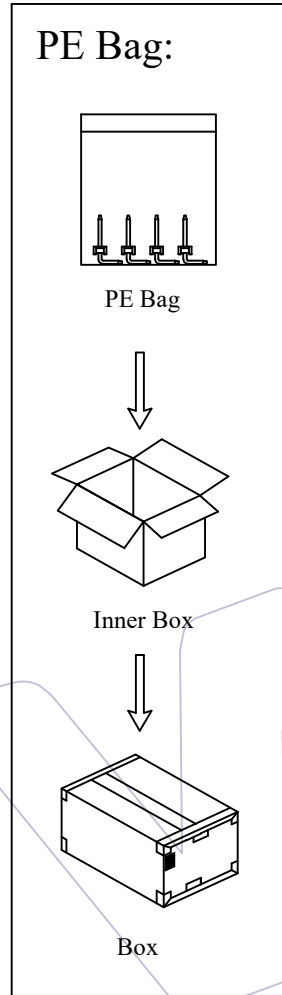
WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com

WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com


# HSF

Packing:

Packaging Quantity Refers To The Following Table



| PINS | Q' ty/Bag<br>L ≤ 10.0 | PINS | Q' ty/Bag<br>L ≤ 10.0 | PINS | Q' ty/Bag<br>10.0 < L ≤ 16.0 | PINS | Q' ty/Bag<br>10.0 < L ≤ 16.0 |
|------|-----------------------|------|-----------------------|------|------------------------------|------|------------------------------|
| 1    | 1000                  | 21   | 400                   | 1    | 1000                         | 21   | 200                          |
| 2    | 1500                  | 22   | 400                   | 2    | 1000                         | 22   | 200                          |
| 3    | 1000                  | 23   | 400                   | 3    | 1000                         | 23   | 200                          |
| 4    | 1000                  | 24   | 400                   | 4    | 1000                         | 24   | 200                          |
| 5    | 1000                  | 25   | 400                   | 5    | 1000                         | 25   | 200                          |
| 6    | 1000                  | 26   | 200                   | 6    | 1000                         | 26   | 200                          |
| 7    | 1000                  | 27   | 200                   | 7    | 1000                         | 27   | 200                          |
| 8    | 1000                  | 28   | 200                   | 8    | 1000                         | 28   | 200                          |
| 9    | 500                   | 29   | 200                   | 9    | 500                          | 29   | 200                          |
| 10   | 500                   | 30   | 200                   | 10   | 500                          | 30   | 200                          |
| 11   | 500                   | 31   | 200                   | 11   | 500                          | 31   | 200                          |
| 12   | 500                   | 32   | 200                   | 12   | 500                          | 32   | 200                          |
| 13   | 500                   | 33   | 200                   | 13   | 500                          | 33   | 200                          |
| 14   | 500                   | 34   | 200                   | 14   | 500                          | 34   | 200                          |
| 15   | 500                   | 35   | 200                   | 15   | 300                          | 35   | 200                          |
| 16   | 500                   | 36   | 200                   | 16   | 300                          | 36   | 200                          |
| 17   | 500                   | 37   | 200                   | 17   | 300                          | 37   | 200                          |
| 18   | 400                   | 38   | 200                   | 18   | 300                          | 38   | 200                          |
| 19   | 400                   | 39   | 200                   | 19   | 300                          | 39   | 150                          |
| 20   | 400                   | 40   | 200                   | 20   | 200                          | 40   | 150                          |

|     |            |                          |              |             |             |            |       |     |  |  |
|-----|------------|--------------------------|--------------|-------------|-------------|------------|-------|-----|--|--|
|     |            |                          |              | OPERATION   | DRAW        | DATE       | SCALE | Fit | PART NO.<br>1115-11XXXXRXXXCXXX                | <br>Http: www.wcon.com<br>WCON-Dongguan Tel: +86 769 85358920<br>WCON-Kunshan Tel: +86 512 57468408<br>Fax: +86 769 85358915<br>Fax: +86 512 57468468<br>E-mail: sales@wcon.com<br>E-mail: salesks@wcon.com |
| A2  | 2025/03/20 | Standardization Drawing  | CP           | x.X ±0.40   | CP          | 2025/03/20 | UNIT  | mm  | TITLE:   |  |
| A1  | 2018/01/05 | Modify P/N               | Ruipeng      | x.XX ±0.25  | CHECK       | DATE       | SIZE  | A4  | PH2.54 SINGLE ROW<br>90° H=1.5 CONCAVE BENDING |  |
| A0  | 2012/05/02 | NEW                      | William Chen | x.XXX ±0.15 | TANG        | DATE       | SHEET | 2/2 | Customer NO.                                   |  |
| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE       | Angle ± 3°  | APPROVE     | DATE       | PROJ. |     |  |  |
|     |            |                          |              | DIM TOL     | Steven Zhao | 2025/03/20 |       |     |  |  |