

# HSF

## NOTES:

Current Rating:1A AMP  
Contact Resistance:30milliohm Max  
Withstand Voltage:250V AC/DC  
Insulation Resistance:1000Megohm Min  
Operation Temperature:-40℃ to +105℃

Housing Material:PA9T+33%GF(UL94V-0)  
Contact Material:Phosphor Bronze  
Contact plating:Au or Sn over Ni Plating

## Ordering Information

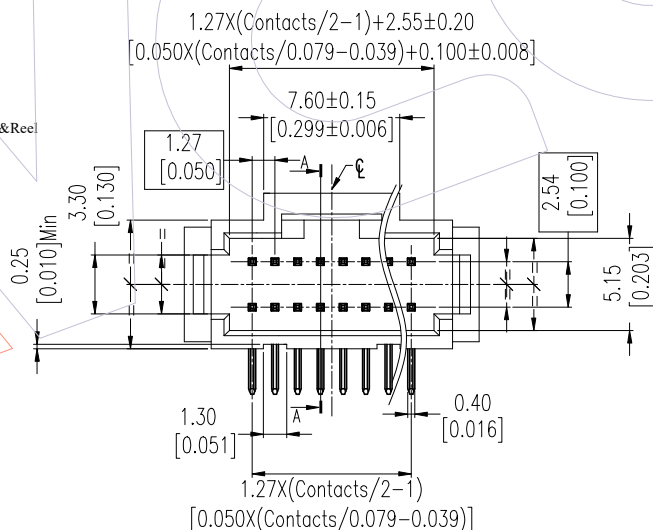
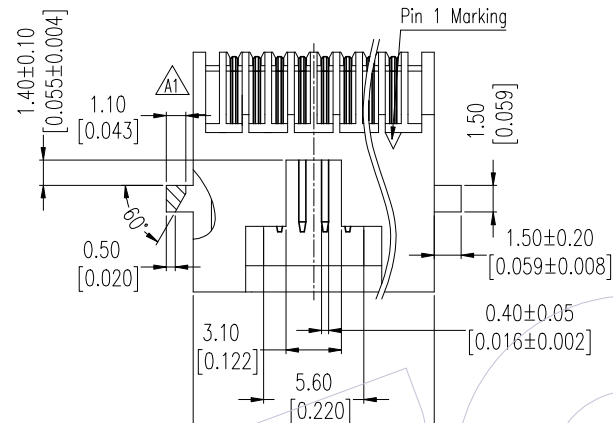
WF1271 - 2WRH XX B X 0

No. of pins  
Per Row  
04-50P

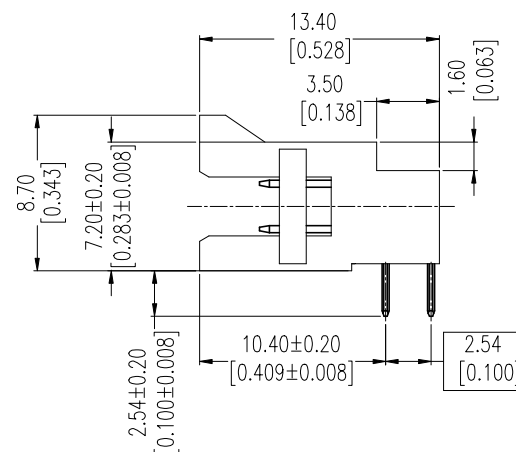
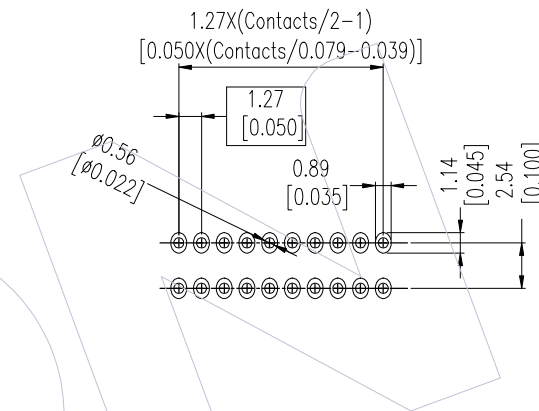
Contact Plating  
S0=Gold Flash/Tin  
S3=10u"Gold/Tin  
S4=15u"Gold/Tin  
S5=30u"Gold/Tin  
G0=Gold Flash  
G3=10u"Gold  
G4=15u"Gold  
G5=30u"Gold  
Blank=Tin

Color  
B=Black

Packing  
T=Tube  
R=Tape&Reel

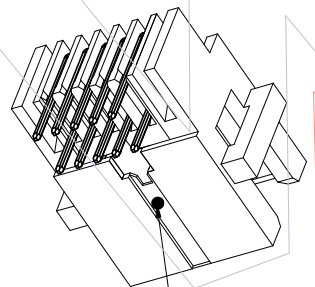
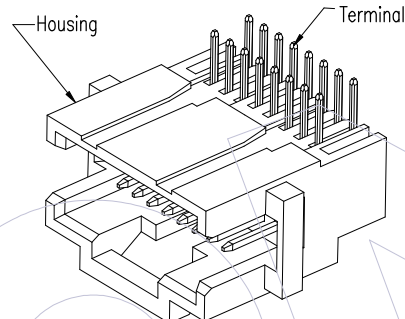
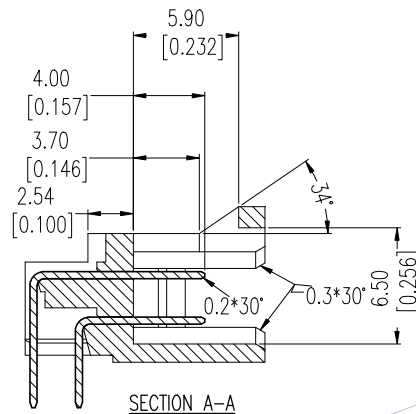


## Recommended P.C.B Layout (Top Side) (PCB BOARD TOLERANCE±0.05)

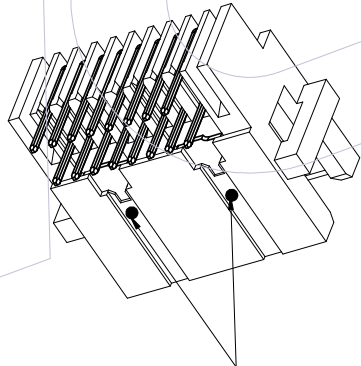


|     |            |                          |        |           |       |               |            |       |                                                                                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----|------------|--------------------------|--------|-----------|-------|---------------|------------|-------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |            |                          |        | OPERATION |       | DRAW<br>CP    | DATE       | SCALE | FIT                                                                                   | PART NO.<br>WF1271-2WRHXXBX0                                                            | <div><br/>Http: <a href="http://www.wcon.com">www.wcon.com</a></div> <div>WCON-Dongguan<br/>Tel: +86 769 85358920</div> <div>WCON-Kunshan<br/>Tel: +86 512 57468408</div> <div>Fax: +86 769 85358915</div> <div>Fax: +86 512 57468468</div> <div>E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a></div> <div>E-mail: <a href="mailto:salesks@wcon.com">salesks@wcon.com</a></div> |
|     |            |                          |        | X.X       | ±0.40 |               | 2025/05/16 | UNIT  | mm<br>inch                                                                            |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A1  | 2025/05/16 | Modify Drawing           | CP     | X.XX      | ±0.25 | CHECK<br>TANG | DATE       | SIZE  | A4                                                                                    | TITLE: 1.27*2.54 Wafer<br>H=13.40 90° DIP W/O LOGO W/T Ear<br>(Without Fixing Hardware) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A0  | 2017/01/09 | NEW                      | Ding   | X.XXX     | ±0.15 |               | 2025/05/16 | SHEET | 1/2                                                                                   |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE | Angle     | ± 3'  | APPROVE       | DATE       | PROJ. |  | Customer NO.                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|     |            |                          |        | DIM       | TOL   | Steven Zhao   | 2025/05/16 |       |                                                                                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

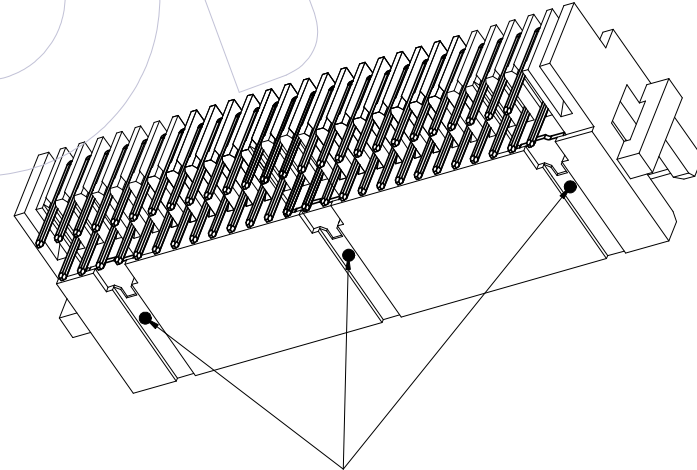
HSF



Without fixing hardware for 4pts till 7pts(Per Row)  
SCALE 1:1



Without fixing hardware for 8pts till 29pts(Per Row)  
SCALE 1:1



Without fixing hardware for 30pts till 50pts(Per Row)  
SCALE 1:1

|     |      |                          |        | OPERATION |       | DRAW        | DATE       | SCALE | FIT | PART NO.                                                                                | <div><b>WCON</b><br/>Http: <a href="http://www.wcon.com">www.wcon.com</a><br/>WCON-Dongguan      WCON-Kunshan<br/>Tel: +86 769 85358920      Tel: +86 512 57468408<br/>Fax: +86 769 85358915      Fax: +86 512 57468468<br/>E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a>      E-mail: <a href="mailto:salesks@wcon.com">salesks@wcon.com</a></div> |  |
|-----|------|--------------------------|--------|-----------|-------|-------------|------------|-------|-----|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|     |      |                          |        | X.X       | ±0.40 | CP          | 2025/05/16 | UNIT  | mm  | WF1271-2WRHXXBX0                                                                        |                                                                                                                                                                                                                                                                                                                                                                  |  |
|     |      |                          |        | X.XX      | ±0.25 | CHECK       | DATE       | SIZE  | A4  | TITLE: 1.27*2.54 Wafer<br>H=13.40 90° DIP W/O LOGO W/T Ear<br>(Without Fixing Hardware) |                                                                                                                                                                                                                                                                                                                                                                  |  |
|     |      |                          |        | X.XXX     | ±0.15 | TANG        | 2025/05/16 | SHEET | 2/2 |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                  |  |
|     |      |                          |        | Angle     | ± 3°  | APPROVE     | DATE       | PROJ. | ⌀   | Customer NO.                                                                            |                                                                                                                                                                                                                                                                                                                                                                  |  |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | DIM       | TOL   | Steven Zhao | 2025/05/16 |       |     |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                  |  |