

HSF

NOTES:

- 1.Current Rating:2.1A Max/Per Pin(2 pins powered in the same row) ;
- 2.Voltage Rating:100V AC ;
- 3.Contact Resistance: 30mΩ Max;
- 4.Withstand Voltage: 900V AC;
- 5.Insulation Resistance: 2000MΩ Min;
- 6.Operating Temperature: -55°C to +125°C;
- 7.Insulator Material: LCP,G.F,UL94V-O,BK;
- 8.Contact Material:Copper Alloy;
- 9.Contact plating:
  - xxμ” Gold on contact area (See ordering information),
  - 50μ” Nickel underplating overall;
  - Tail Area: 100u” Matte Tin ;
- 10.Recommended Process:  
Reflow Soldering,Peak temperature: 260±5°C

## Ordering Information

37505 - S M XXX - 070 WX R X 1

[illegible]

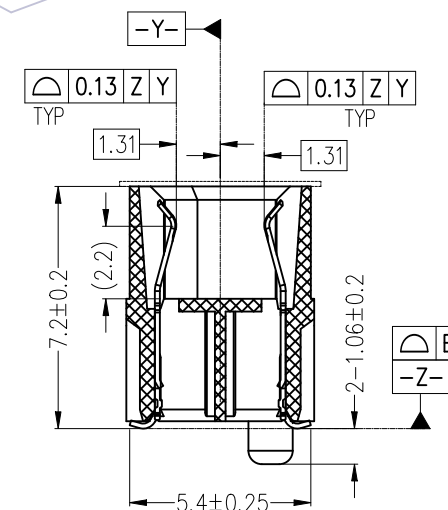
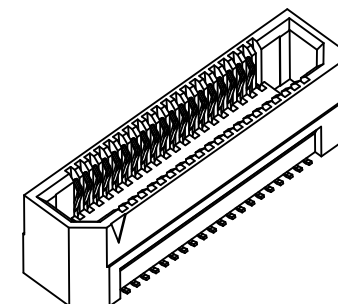
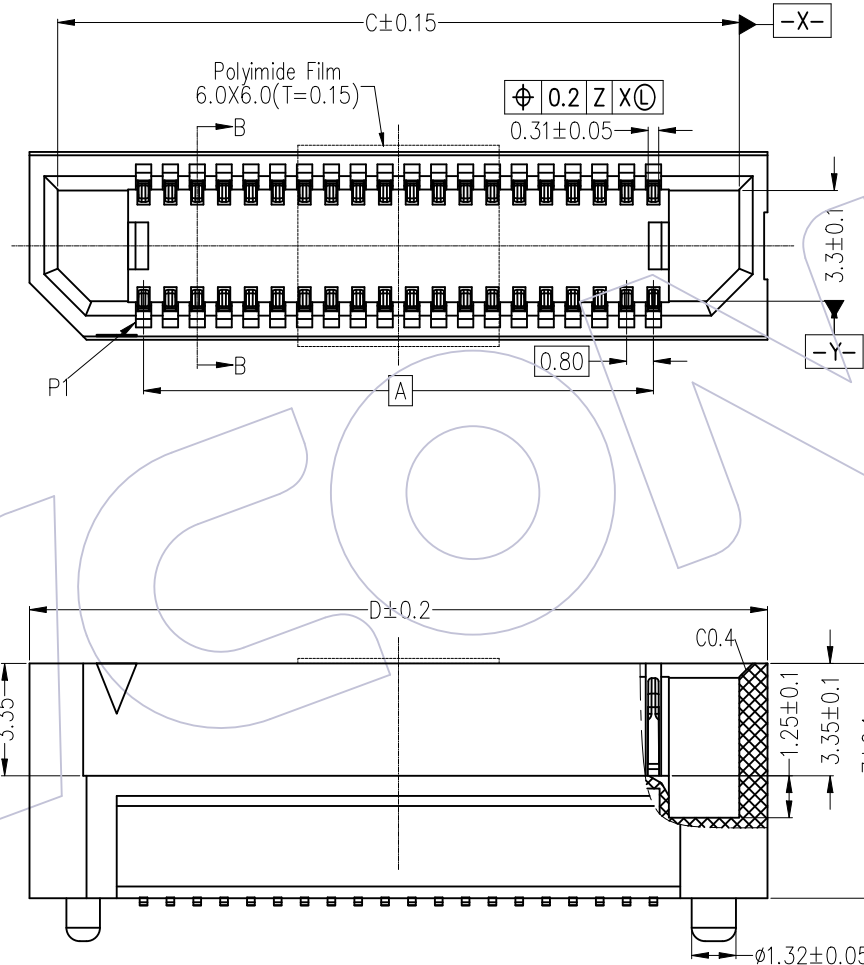
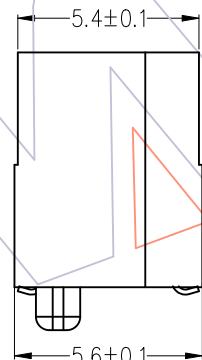
No. of Pins: \_\_\_\_\_  
 010=10P; 020=20P;  
 022=22P; 026=26P;  
 040=40P; 046=46P;  
 050=50P; 060=60P;  
 070=70P; 080=80P;  
 098=98P; 100=100P;  
 120=120P; 140=140P;  
 150=150P;

High Type: \_\_\_\_\_  
070=7.0mm;  
Contact plating: \_\_\_\_\_  
W3=10u"Gold/Matte Sn  
W5=30u"Gold/Matte Sn

Packing: R=Tape &amp; Reel

LOGO: \_\_\_\_\_  
0=Without LOGO; 1=With LOGO

WCON internal code

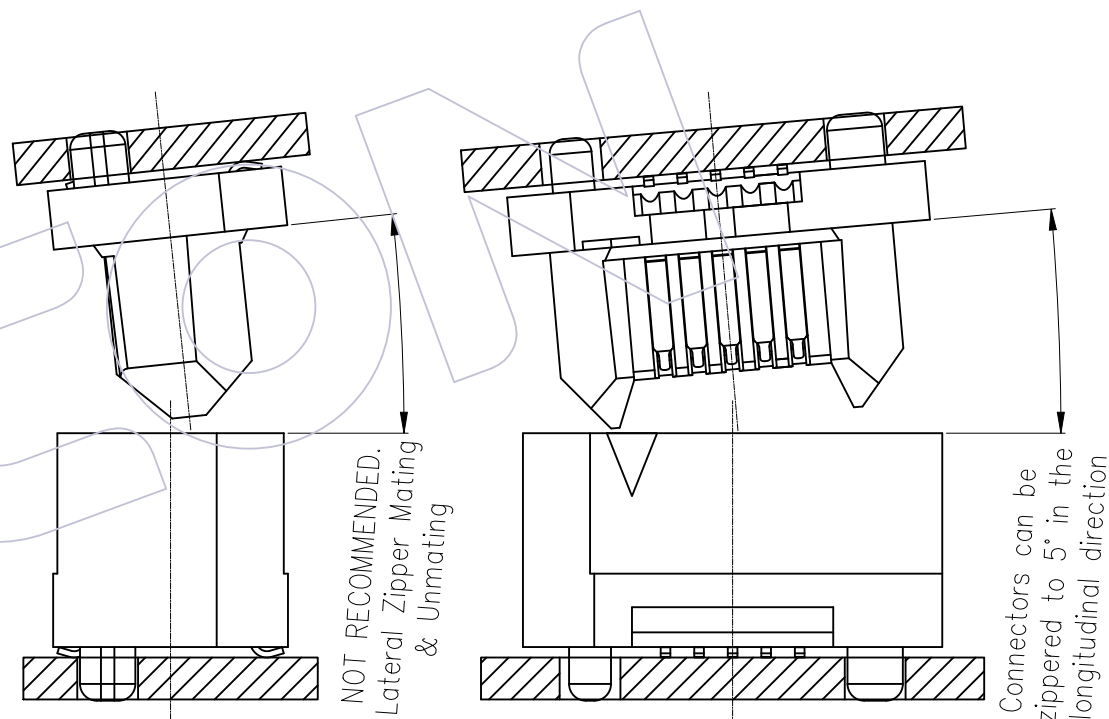
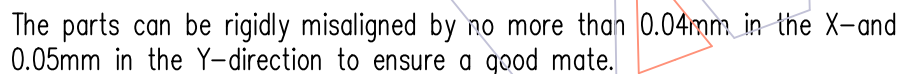


|     |            |                          |            |           |       |                    |                                                                                       |              |      |                                  |                                                                                                                                                                  |     |                                                                                     |
|-----|------------|--------------------------|------------|-----------|-------|--------------------|---------------------------------------------------------------------------------------|--------------|------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|
|     |            |                          |            | OPERATION |       | DRAW<br>houfu peng | DATE<br>2023.10.26                                                                    | SCALE        | FIT  | PART NO.<br>37505-SMXXX-070WXRX1 | <div></div> <div>Http: <a href="http://www.wcon.com">www.wcon.com</a></div> |     |                                                                                     |
|     |            |                          |            | X.X       | ±0.40 |                    | CHECK                                                                                 | DATE         | UNIT |                                  |                                                                                                                                                                  | mm  | TITLE: 0.8mm B TO B High<br>Speed Connector Socket SMT<br>TYPE H1=7.2 (S TYPE H7.0) |
|     |            |                          |            | X.XX      | ±0.25 | APPROVE            |                                                                                       |              | DATE | SIZE                             |                                                                                                                                                                  | A4  |                                                                                     |
| A0  | 2023.10.26 | NEW                      | houfu peng | X.XXX     | ±0.15 |                    |                                                                                       |              |      | SHEET                            |                                                                                                                                                                  | 1/3 |                                                                                     |
| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE     | Angle     | ± 3'  | PROJ.              |  | Customer NO. |      |                                  |                                                                                                                                                                  |     |                                                                                     |
|     |            |                          |            | DIM       | TOL   |                    |                                                                                       |              |      |                                  |                                                                                                                                                                  |     |                                                                                     |

|                                                            |  |                                                                |  |
|------------------------------------------------------------|--|----------------------------------------------------------------|--|
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Where at least one half of the interface is free to float.



|     |            |                          |            |           |       |                    |       |            |                                                                                       |                                  |                                                                                                                                                                                                                                                                                                                                             |
|-----|------------|--------------------------|------------|-----------|-------|--------------------|-------|------------|---------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |            |                          |            | OPERATION |       | DRAW<br>houfu peng | DATE  | SCALE      | FIT                                                                                   | PART NO.<br>37505-SMXXX-070WXRX1 | <div><div><div>WCON</div><div>Http: www.wcon.com</div></div><div><div>WCON-Dongguan</div><div>Tel: +86 769 85358920</div><div>Fax: +86 769 85358915</div><div>E-mail: sales@wcon.com</div></div><div><div>WCON-Kunshan</div><div>Tel: +86 512 57468408</div><div>Fax: +86 512 57468468</div><div>E-mail: salesks@wcon.com</div></div></div> |
|     |            |                          |            | X.X       | ±0.40 |                    | CHECK | 2023.10.26 | UNIT                                                                                  |                                  |                                                                                                                                                                                                                                                                                                                                             |
|     |            |                          |            | X.XX      | ±0.25 | APPROVE            |       | DATE       | SIZE                                                                                  | A4                               |                                                                                                                                                                                                                                                                                                                                             |
| A0  | 2023.10.26 | NEW                      | houfu peng | X.XXX     | ±0.15 |                    | DATE  |            | SHEET                                                                                 | 3/3                              |                                                                                                                                                                                                                                                                                                                                             |
| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE     | Angle     | ± 3°  | PROJ.              |       |            |  |                                  |                                                                                                                                                                                                                                                                                                                                             |
|     |            |                          |            | DIM       | TOL   |                    |       |            |                                                                                       |                                  |                                                                                                                                                                                                                                                                                                                                             |