

HSF

- NOTES:
- 1.Current Rating:0.3A ;
  - 2.Voltage Rating:30V AC ;
  - 3.Contact Resistance: 90mΩ Max;
  - 4.Withstand Voltage: 100V AC;
  - 5.Insulation Resistance: 50MΩ Min;
  - 6.Operating Temperature: -40℃ to +105℃;
  - 7.Insulator Material: LCP,G.F,UL94V-0,BK;
  - 8.Contact Material:Copper Alloy;
  - 9.Contact plating:  
xxμ" Gold on contact area (See ordering information),  
50μ" Nickel underplating overall;

Ordering Information

3630 - P XXX - 011 GX R 01

P=Plug

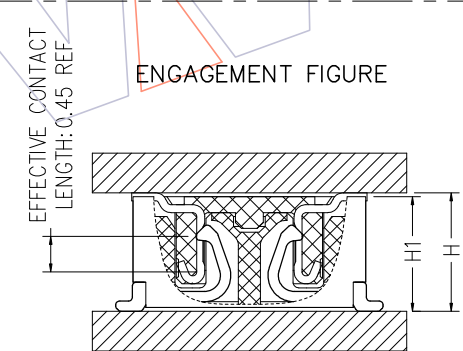
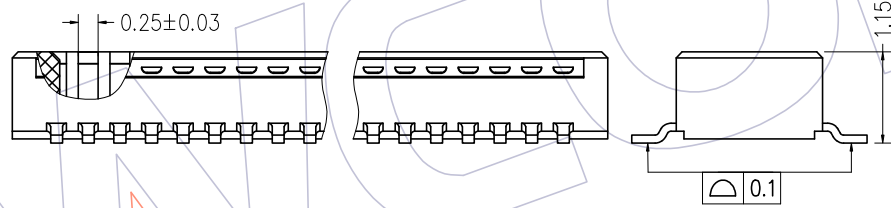
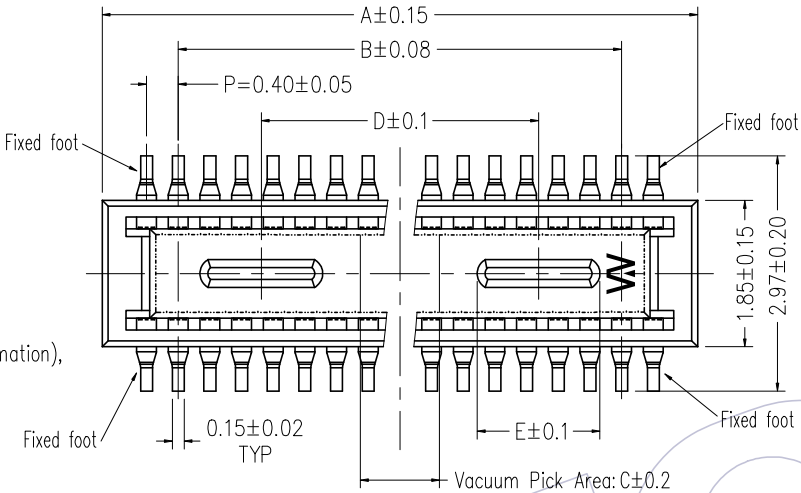
No.of Pins:  
010=10Pin; 012=12Pin  
020=20Pin; 024=24Pin  
030=30Pin; 034=34Pin  
040=40Pin; 044=44Pin  
050=50Pin; 060=60Pin  
070=70Pin; 080=80Pin  
090=90Pin; 100=100Pin

Plug High:  
011=1.15mm

Contact plating:  
G1=3μ"Gold  
G4=15μ"Gold

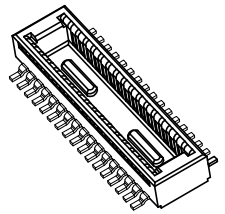
Packing:R=Tape & Reel

WCON internal code

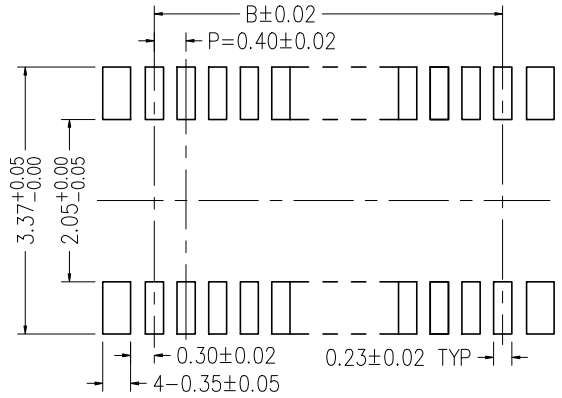


| ASS'Y HIGH(H) | SOCKET(H1) |
|---------------|------------|
| 1.50          | 1.45       |
| 2.00          | 1.95       |
| 2.50          | 2.40       |
| 3.00          | 2.90       |
| 3.50          | 3.40       |
| 4.00          | 3.90       |

| PART NO.           | NO.of contacts | A     | B     | C   | D    | E    |
|--------------------|----------------|-------|-------|-----|------|------|
| 3630-P010-011GXR01 | 10             | 3.52  | 1.60  | 1.0 |      |      |
| 3630-P012-011GXR01 | 12             | 3.92  | 2.00  | 1.0 |      |      |
| 3630-P020-011GXR01 | 20             | 5.52  | 3.60  | 1.0 | 2.45 | 0.95 |
| 3630-P024-011GXR01 | 24             | 6.32  | 4.40  | 1.2 | 2.55 | 0.95 |
| 3630-P030-011GXR01 | 30             | 7.52  | 5.60  | 1.5 | 3.50 | 1.55 |
| 3630-P034-011GXR01 | 34             | 8.32  | 6.40  | 2.3 | 4.30 | 1.55 |
| 3630-P040-011GXR01 | 40             | 9.52  | 7.60  | 3.2 | 5.25 | 1.55 |
| 3630-P044-011GXR01 | 44             | 10.32 | 8.40  | 3.2 | 5.25 | 1.55 |
| 3630-P050-011GXR01 | 50             | 11.52 | 9.60  | 3.2 | 5.45 | 1.55 |
| 3630-P060-011GXR01 | 60             | 13.52 | 11.60 | 3.2 | 5.45 | 1.55 |
| 3630-P070-011GXR01 | 70             | 15.52 | 13.60 | 3.2 | 6.95 | 1.55 |
| 3630-P080-011GXR01 | 80             | 17.52 | 15.60 | 3.2 | 8.95 | 1.55 |
| 3630-P090-011GXR01 | 90             | 19.52 | 17.60 | 3.2 | 8.95 | 1.55 |
| 3630-P100-011GXR01 | 100            | 21.52 | 19.60 | 3.2 | 9.95 | 1.55 |



Recommended P.C.B Layout(Top Side)



| REV | DATE       | MODIFICATION DESCRIPTION     | CHANGE   | OPERATION |       | DRAW<br>LEVI-LIU | DATE<br>2019.05.13 | SCALE<br>UNIT | FIT<br>mm | PART NO.<br>3630-PXXX-011GXR01                                                 | <br>Http: www.wcon.com                                                                    |                                                                                            |
|-----|------------|------------------------------|----------|-----------|-------|------------------|--------------------|---------------|-----------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|     |            |                              |          | X.X       | ±0.40 |                  |                    |               |           |                                                                                |                                                                                           |                                                                                            |
| A2  | 2023.02.13 | Add plating specification    | OHJ      | X.XX      | ±0.25 | CHECK            | DATE               | SIZE          | A4        | TITLE: 0.4mm B TO B PLUG<br>180° SMT TYPE Without<br>Reinforcing Metal Fitting | WCON-Dongguan<br>Tel: +86 769 85358920<br>Fax: +86 769 85358915<br>E-mail: sales@wcon.com | WCON-Kunshan<br>Tel: +86 512 57468408<br>Fax: +86 512 57468468<br>E-mail: salesks@wcon.com |
| A1  | 2022.02.21 | Change Operating Temperature | OHJ      | X.XXX     | ±0.15 | APPROVE          | DATE               | SHEET         | 1/1       | Customer NO.                                                                   |                                                                                           |                                                                                            |
| A0  | 2019.05.13 | NEW                          | LEVI-LIU | Angle     | ± 3°  |                  |                    | PROJ.         |           |                                                                                |                                                                                           |                                                                                            |
| REV | DATE       | MODIFICATION DESCRIPTION     | CHANGE   | DIM       | TOL   |                  |                    |               |           |                                                                                |                                                                                           |                                                                                            |