

NOTES:

Current Rating:5A

Voltage Rating:250V/AC

Contact Resistance: 20mΩ Max.

Withstand Voltage:1500V AC

Insulation Resistance:100M $\Omega$  Min.

Operation Temperature:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

Insulator Material:LCP,UL94V0,BLACK

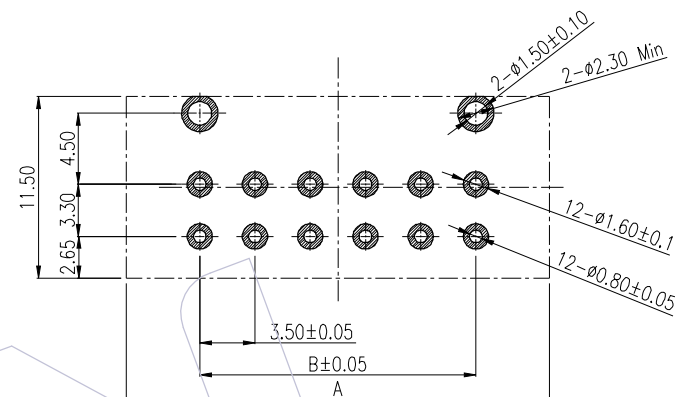
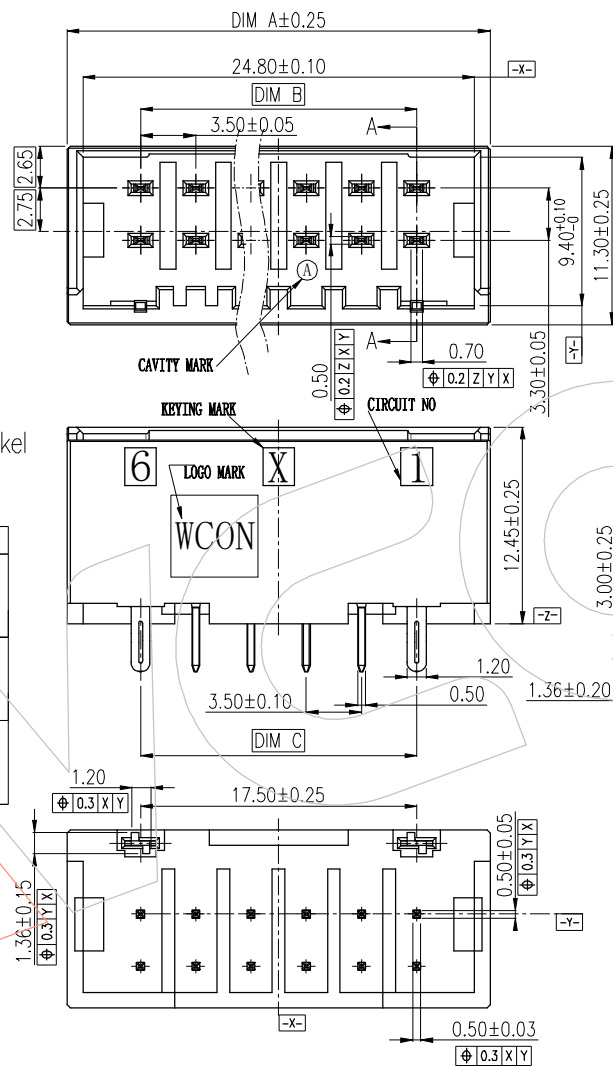
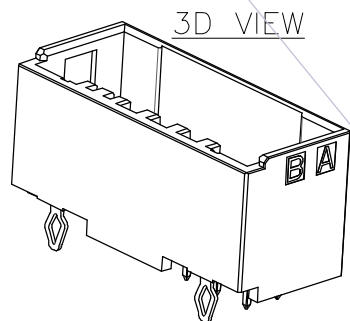
Contact Material: Copper Alloy

Contact plating:

Gold plated 0.38um Min in located area over Nickel

Tin plated 2.0um Min in all over product

| PART NO.            | Colour  | Pin | A    | B    | C    |
|---------------------|---------|-----|------|------|------|
| WD3500-2WS04XXBT01W | Black   | 8   | 19.8 | 10.5 | 10.5 |
| WD3500-2WS04XXWT01W | Natural |     |      |      |      |
| WD3500-2WS04XXYT01W | Yellow  |     |      |      |      |
| WD3500-2WS06XXBT01W | Black   | 12  | 26.8 | 17.5 | 17.5 |
| WD3500-2WS06XXWT01W | Natural |     |      |      |      |
| WD3500-2WS06XXYT01W | Yellow  |     |      |      |      |
| WD3500-2WS11XXBT01W | Black   | 22  | 44.3 | 35.0 | 35   |
| WD3500-2WS11XXWT01W | Natural |     |      |      |      |
| WD3500-2WS11XXYT01W | Yellow  |     |      |      |      |



RECOMMEND P.C.B BOARD HOLE PATTERN  
:CONNECTOR MOUNT SIDE (NOT ACCUMULATE  
TOLERANCE) PC BOARD THICKNESS :1.0~1.6±0.05

## Ordering Information

WD 350 0 - 2 WS XX XX X T 01 W

Pitch Code: —  
350= 3.50mm

Type Code:  
0= Series

Bay number:  
2=2 Row

Type : \_\_\_\_\_  
WS= 180° DIP

Pin NO; \_\_\_\_\_  
04=4PIN    06=6Pin    11=11Pin

Contact Plating: —  
W4=Sel.15U" Au/Matte Sn  
SN=Sn plated

Wcon Logo:  
W= Whit LOGO

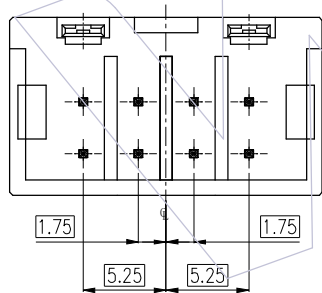
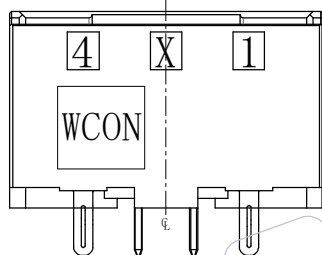
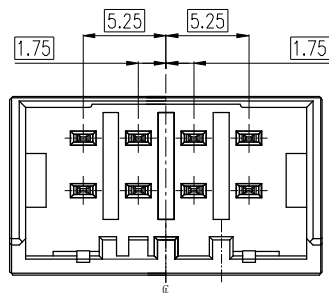
Internal Code:  
01~10

- Packing:  
T=Tube

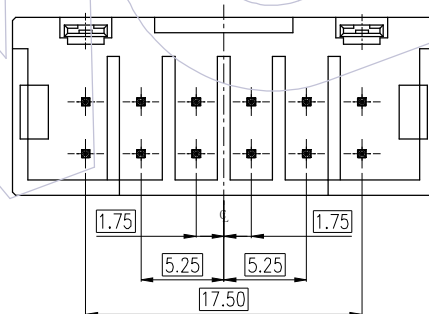
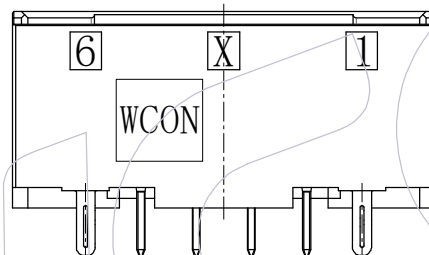
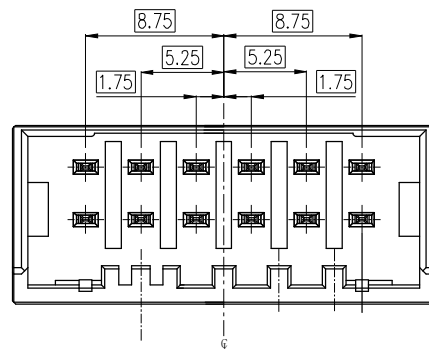
—Housing Colour  
B=Black  
T=Natural  
Y=Yellow

|     |            |                                            |        |           |       |           |            |       |                                                                                       |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |
|-----|------------|--------------------------------------------|--------|-----------|-------|-----------|------------|-------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |            |                                            |        | OPERATION |       | DRAW      | DATE       | SCALE | Fit                                                                                   | PART NO.<br>WD3500-2WSXXXXT01(W)<br><br>TITLE:<br>3.5*3.3mm Dyn. Dual row<br>180° DIP WITH Ground strip<br><br>Customer NO. | <br><a href="http://www.wcon.com">Http: www.wcon.com</a><br><div> WCON-Dongguan<br/>Tel: +86 769 85358920<br/>Fax: +86 769 85358915<br/>E-mail: sales@wcon.com </div> <div> WCON-Kunshan<br/>Tel: +86 512 57468408<br/>Fax: +86 512 57468468<br/>E-mail: sales@wcon.com </div> |
| A2  | 2023/12/20 | Updated content                            |        | x.x       | ±0.40 | KEVIN_XIN | 2023/12/20 | UNIT  | mm                                                                                    |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |
| A1  | 2023/08/02 | Increase pcb thickness size recommendation | KEVIN  | x.xx      | ±0.25 | CHECK     | DATE       | SIZE  | A4                                                                                    |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |
| A0  | 2021/09/28 | NEW RELEASE                                | KEVIN  | x.xxx     | ±0.15 |           |            | SHEET | 1/2                                                                                   |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |
| REV | DATE       | MODIFICATION DESCRIPTION                   | CHANGE | Angle     | ± 3°  | APPROVE   | DATE       | PROJ. |  |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |
|     |            |                                            |        | DIM       | TOL   |           |            |       |                                                                                       |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                     |

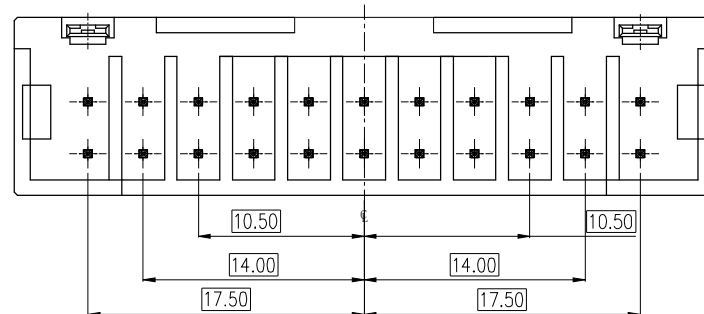
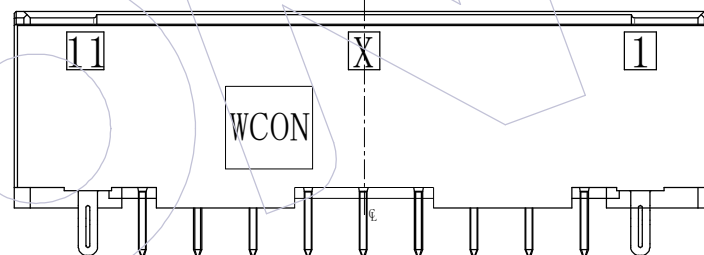
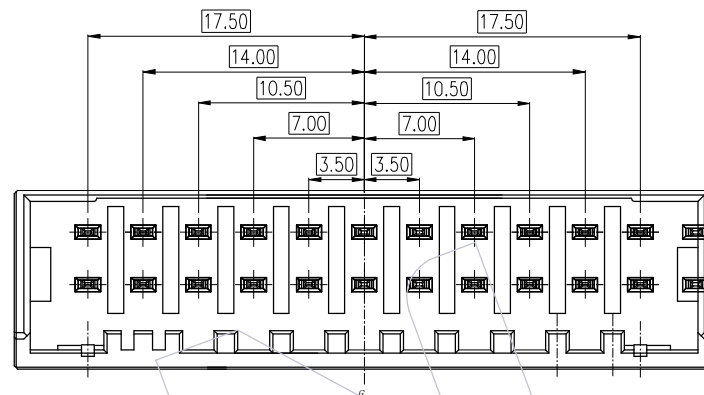
# HSF



8 PIN



12 PIN



22 PIN

| REV | DATE       | MODIFICATION DESCRIPTION                   | CHANGE | OPERATION   | DRAW      | DATE       | SCALE | Fit | PART NO.                                           | <div>  <p>Http: <a href="http://www.wcon.com">www.wcon.com</a></p> <p>WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: <a href="mailto:sales@wcon.com">sales@wcon.com</a></p> <p>WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: <a href="mailto:salesks@wcon.com">salesks@wcon.com</a></p> </div> |  |
|-----|------------|--------------------------------------------|--------|-------------|-----------|------------|-------|-----|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| A2  | 2023/12/20 | Updated content                            |        | x.x ±0.40   | KEVIN_XIN | 2023/12/20 | UNIT  | mm  | WD3500-2WSXXXXT01(W)                               |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| A1  | 2023/08/02 | Increase pcb thickness size recommendation | KEVIN  | x.xx ±0.25  | CHECK     | DATE       | SIZE  | A4  | TITLE:                                             |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| AO  | 2021/09/28 | NEW RELEASE                                | KEVIN  | x.xxx ±0.15 | APPROVE   | DATE       | SHEET | 2/2 | 3.5*3.3mm Dyn. Dual row 180° DIP WITH Ground strip |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|     |            |                                            |        | Angle ± 3°  |           |            | PROJ. |     | Customer NO.                                       |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|     |            |                                            |        | DIM TOL     |           |            |       |     |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |  |