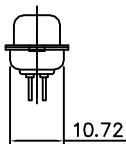
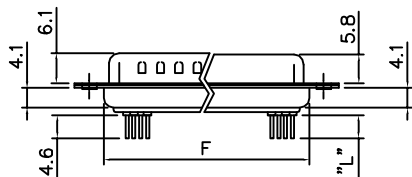
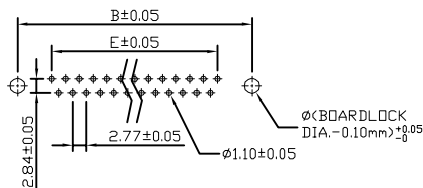
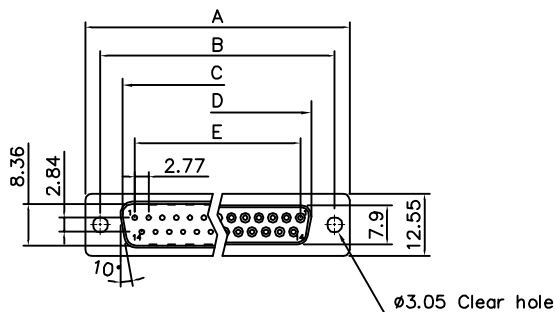


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RoHS COMPLIANT

REVISIONS

| REV | ECN NO. | DESCRIPTION | APPROVED BY | DATE |
|-----|---------|-------------|-------------|------|
| | | | | |



RECOMMENDED PCB LAYOUT

Specification

Material

Insulator : Glass-Filled Thermoplastic PBT, UL94V-0
 Contact : Brass
 Shell : Steel, 100u" Tin Over 50u" min Copper
 Clinch Nut : Brass, Nickel Plated
 Boardlock : Brass, Tin Plated
 Screwlock : Brass, Nickel Plated

Electrical

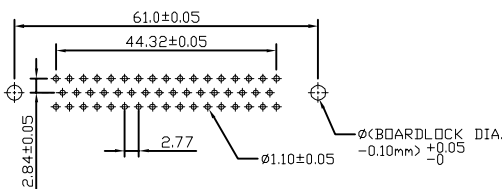
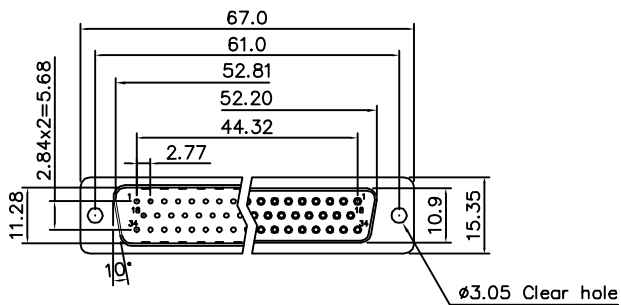
Contact Resistance : 20 milliohms
 Insulation Resistance : 1000 megohms min.
 at 500 VDC
 Dielectric Withstanding Voltage :
 1000 VAC/rms 60Hz for 1 minute
 Current Rating : 3 AMP
 Voltage Rating : 250 VAC/rms 60Hz

Environmental

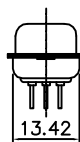
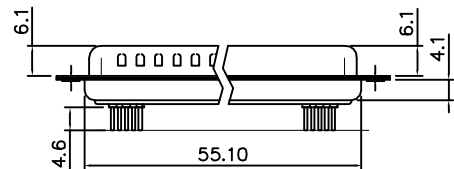
Temperature Range: -55°C ~ +85°C

DIMENSION TABLE

| POSITIONS | A±0.15 | B±0.10 | C±0.15 | D±0.13 | E±0.08 | F±0.10 |
|-----------|--------|--------|--------|--------|--------|--------|
| 9 | 30.81 | 24.99 | 16.92 | 16.33 | 11.08 | 19.20 |
| 15 | 39.20 | 33.30 | 25.25 | 24.70 | 19.39 | 27.70 |
| 25 | 53.05 | 47.04 | 38.96 | 38.40 | 33.24 | 41.10 |
| 37 | 69.40 | 63.50 | 55.42 | 54.80 | 49.86 | 57.30 |



RECOMMENDED PCB LAYOUT



50 POSITIONS

DO NOT SCALE DRAWING

| | | | |
|---|--|---|--|
| DIMENSIONS: <input type="checkbox"/> MM [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> MM ONLY | | CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JUSTIN XING 11-21-05 | |
| UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS ANGLES X: ±0.38 [0.015] X° ±3° .X ±0.25 [0.010] .X° ±10° .XX ±0.13 [0.005] | | CHECKED BY AND DATE JUSTIN XING 11-21-05 APPROVED BY AND DATE KING CHIU 11-21-05 THIRD ANGLE PROJECTION | |
| MATERIAL | | | |
| FINISH | | | |
| SCALE: 1 : 1 | | SIZE: A3 | |



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 No. 101, Sec. 1, Long-An Street,
 Lu-Chu, Taoyuan, Taiwan, R.O.C.
 TEL: +886-3-3609819 FAX: +886-3-3609817

| | |
|--|--------------|
| TITLE 101 SERIES D-SUB DIP STRAIGHT TYPE | |
| DRAWING NO. 101-XXXXXXXXXX | REV A |
| FILE NO. | SHEET 1 OF 3 |

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3 REVISIONS

| REV | ECN NO. | DESCRIPTION | APPROVED BY | DATE |
|-----|---------|-------------|-------------|------|
| | | | | |

4 Ordering Information

5 101 - $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e} \frac{X}{f} \frac{X}{g} \frac{X}{h} \frac{X}{i}$

6 a. No. Of Pins

- 09: 09 positions
- 15: 15 positions
- 25: 25 positions
- 37: 37 positions
- 50: 50 positions

7 b. Contact Type:

- 1: Male
- 2: Female

8 c. Contact Plating :

- 0. Gold flash selective gold(standard)
- 1. 5u"selective gold on contact
- 2. 10u"selective gold on contact
- 3. 15u"selective gold on contact
- 4. 30u"selective gold on contact
- 5. 50u"selective gold on contact
- 6. Gold flash full gold
- 7. 8u" gold flash full gold
- 8. Full tin
- 9. matte tin selective gold
- A. 30u"matte tin selective gold
- B. 15u"matte tin selective gold

9 d. Shell plating :

- 0. Cr⁺³yellow chrome A. Matte tin
- 1. Nickel(standard) B. Tab shell matte tin ϕ 4.0
- 2. Tin C. Tin(With Y-S Logo)
- 3. Cr⁺⁶yellow chrome
- 4. Gold flash
- 5. Tab shell dimple
- 6. Tab shell ϕ 4.0
- 7. Cr⁺⁶yellow chrome, dimple
- 8. Thickness Assigned of tin, dimple
- 9. Cr⁺³yellow chrome, dimple

10 e. Insulator Color :

- 1: Blue A: Black(high temperature)
- 2: Black(standard) B: Blue(high temperature)
- 3: White C: White(high temperature)
- 4: Gray
- 5: Pc99 blue
- 6: Tab insulator, black
- 7: Green
- 8: Pc99 green
- 9: Pc99 yellow
- 0: Pc99 purple

11 f. Position of Clinch Nut :

- 0: Clear hole ϕ 3.05mm**
- 1: Rivet front 5.9mm
- 2: Rear rivet, 5.9mm
- 3: Rivet+2 prong boardlock6.0*3.2mm
- 4: Rivet front, Round 5.9mm
- 5: Rivet+4 prong boardlock6.0*3.2mm
- 6: Boardlock 4.75*11.7mm, track hole section1.0mm
- 7: Rivet+2 prong boardlock5.2*3.2mm
- A: Front rivet, 2.0mm
- B: Front rivet, 2.5mm
- C: Front rivet, 4.0mm
- D: Rear rivet, 2.0mm
- E: Rear rivet, 2.5mm
- F: Rear rivet, 4.0mm
- G: Rivet+2 prong boardlock(6.0*3.0mm)
- H: Rivet+2 prong boardlock(6.0*3.3mm)
- I: Rivet+2 prong boardlock(7.3*3.2mm)
- J: Rear rivet, 3.5mm
- K: Rear rivet, 5.0mm
- L: Front rivet, 5.0mm
- M: Rivet+2 prong boardlock(5.0*3.2mm)
- N: Rear rivet, 11.7mm
- O: Boardlock 5.5mm
- P: Rivet+2 prong boardlock(6.0*3.0mm)
- Q: Rivet+2 prong round boardlock(6.0*3.0mm)
- R: Boardlock7.1*3.2
- S: Round Boardlock27.5mm
- T: Rear Rivet6.2mm
- U: Boardlock 9.6* 3.2mm
- V: Boardlock 13.5*3.2mm, track hole section1.0mm
- W: Boardlock 11.9*3.2mm, track hole section1.0mm
- X: Boardlock 12.5*3.2mm, track hole section1.0mm

12 g. Flange Mounting Option :

- 0: ϕ 3.05mm clear hole**
- 1: #4-40 threaded hole
- 2: #4-40 threaded hole with #4-40 unc(5*10mm)screwlock installed
- 3: #4-40 threaded hole with #4-40 unc(5*10mm)screwlock bulk-packed
- 4: M3 threaded hole
- 5: #4-40 threaded hole with M3(5*10mm)screwlock installed
- 6: M2.6 threaded hole
- 7: #4-40 threaded hole with M2.6(5*10mm)screwlock installed
- 8: #4-40 threaded(half hole)
- A: Bolt type screw lock
- B: #4-40 threaded hole with #4-40 unc(5.8*10.8mm)screwlock installed
- C: #4-40 threaded hole Standoff+2 prong boardlock screw:6.0*3.2mm screwlock installed
- D: #4-40 threaded hole with M3(5.8*10.8mm)screwlock installed
- E: #4-40 threaded hole with #4-40 unc(5.8*10.8mm)screwlock bulk-packed
- F: #4-40 threaded hole with #4-40 unc(4.8*11.8mm)screwlock bulk-packed
- G: #4-40 threaded hole with M2.6(5.8*10.8mm)screwlock installed
- H: #4-40 threaded hole with round "-" font #4-40 unc(6.0*12.0mm)screwlock installed
- I: #4-40 threaded hole with #4-40 unc(4.8*10.0mm)screwlock installed
- J: #4-40 threaded hole with #4-40 unc(5.0*11.0mm)screwlock installed

13 h. Pin Type :

- 0. Stamped pin: 5.5mm
- 1. Stamped pin: 4.6mm
- 2. Machined pin: 5.0mm
- 3. Stamped contact: 4.6mm wanting 1pin
- 4. Stamped short pin: 3.2mm
- 5. Machined pin: 5.5mm
- 6. Machined pin: 6.2mm
- 7. Machined pin: 17.5mm
- 8. Stamped pin: 4.3mm
- 9. Machined pin: 13mm
- A. Machined pin: 7.4mm
- B. Machined pin: 9.52mm
- C. Machined pin: 12.6mm
- D. Stamped pin: 5.0mm
- E. Machined pin: 6.5mm



14 i. Ferrite :

- 0. Without ferrite
- 1. With ferrite

15 Lettering :

- Y: laser lettering
- K: kang tai lettering

DO NOT SCALE DRAWING

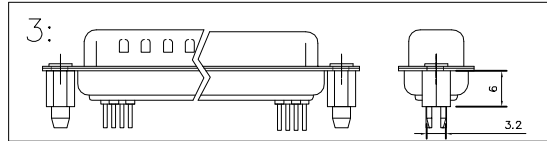
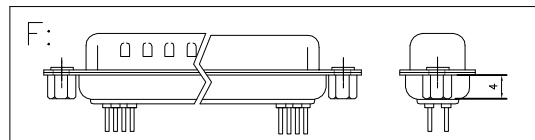
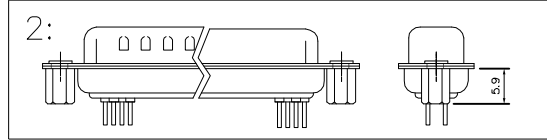
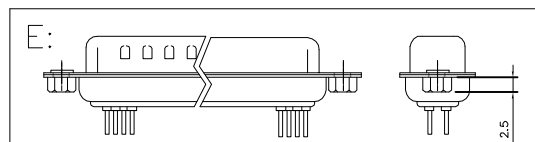
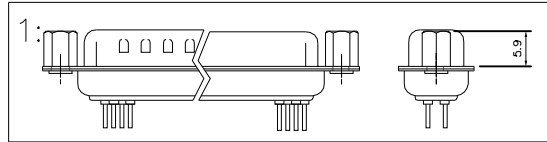
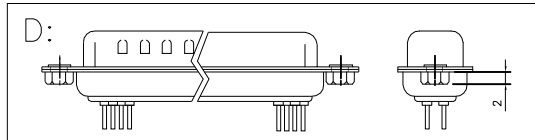
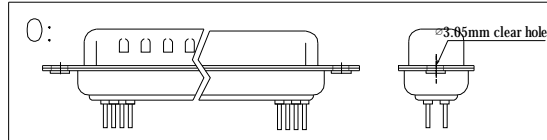
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| DIMENSIONS: <input type="checkbox"/> MM [INCH] <input type="checkbox"/> INCH [MM] <input checked="" type="checkbox"/> MM ONLY | | CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JUSTIN XING 07-20-06 |  Y-S ELECTRONIC CO., LTD. No. 101, Sec. 1, Long-An Street, Lu-Chu, Taoyuan, Taiwan, R.O.C. TEL: +886-3-3609819 FAX: +886-3-3609817 |
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| MATERIAL | |  | TITLE 101 SERIES D-SUB DIP STRAIGHT TYPE |
| FINISH | | SCALE: 1 : 1 SIZE: A3 | DRAWING NO. 101-XXXXXXXXXX REV D FILE NO.: SHEET 2 OF 3 |

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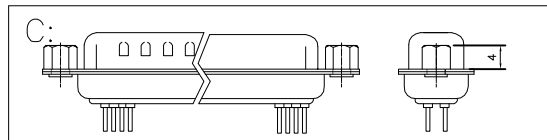
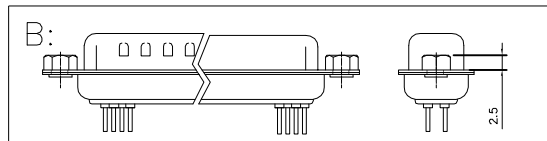
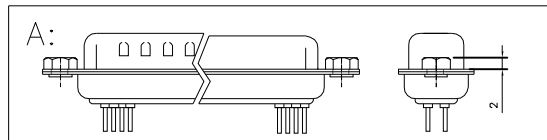
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|-----------|---------|-------------|-------------|------|
| REV | ECN NO. | DESCRIPTION | APPROVED BY | DATE |
| | | | | |

f: Position of Clinch Nut



CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS



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UNLESS OTHERWISE SPECIFIED,
GENERAL TOLERANCE:
 DECIMALS ANGLES
 X: ±0.38 [0.015] X°: ±3°
 .X: ±0.25 [0.010] .X°: ±1.0°
 .XX: ±0.13 [0.005]

MATERIAL
FINISH

CAD GENERATED DRAWING,
DO NOT MANUALLY UPDATE
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 JUSTIN XING 07-20-06

CHECKED BY AND DATE
 JUSTIN XING 07-20-06
 APPROVED BY AND DATE
 KING CHIU 11-21-05
 THIRD ANGLE PROJECTION

SCALE:
1 : 1 SIZE: A3



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TITLE
 101 SERIES
 D-SUB DIP STRAIGHT TYPE

DRAWING NO.
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 A

FILE NO. SHEET 3 OF 3