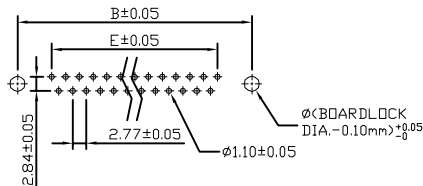
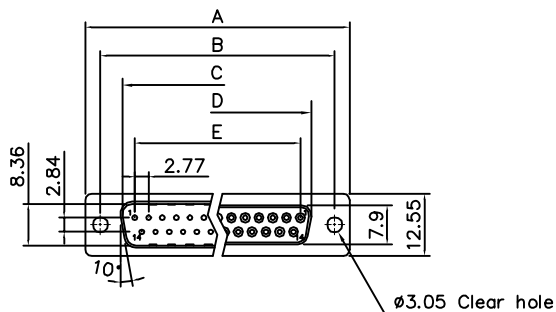


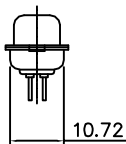
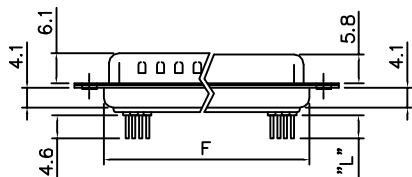
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RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE



RECOMMENDED PCB LAYOUT



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

Specification

Material

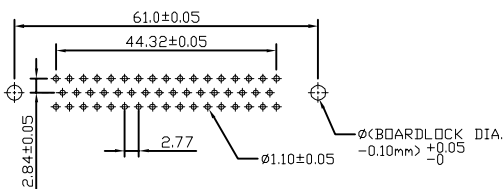
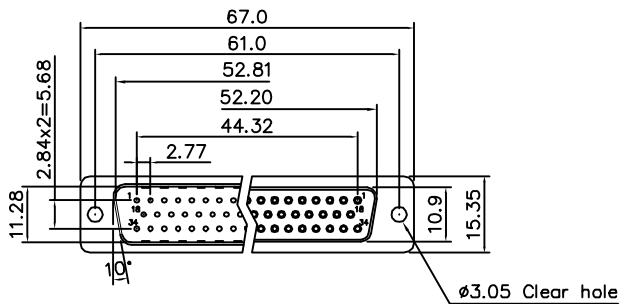
Insulator : Glass-Filled Thermoplastic PBT, UL94V-0
 Contact : Brass
 Shell : Steel, 100u" Tin Over 50u" min Copper
 Clinch Nut : Brass, Nickel Plated
 Boardlock : Brass, Tin Plated
 Screwlock : Brass, Nickel Plated

Electrical

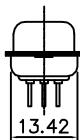
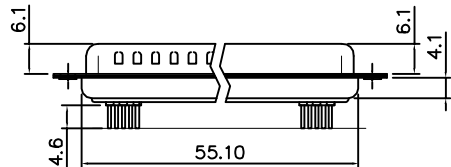
Contact Resistance : 20 milliohms
 Insulation Resistance : 1000 megohms min.
 at 500 VDC
 Dielectric Withstanding Voltage :
 1000 VAC/rms 60Hz for 1 minute
 Current Rating : 3 AMP
 Voltage Rating : 250 VAC/rms 60Hz

Environmental

Temperature Range: -55°C ~ +85°C



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	



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

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

a. No. Of Pins

- 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

d. Shell plating :

- 0. Cr⁺³ yellow chrome
 - 1. Nickel (standard)
 - 2. Tin
 - 3. Cr⁺⁶ yellow chrome
 - 4. Gold flash
 - 5. Tab shell dimple
 - 6. Tab shell Ø4.0
 - 7. Cr⁺⁶ yellow chrome, dimple
 - 8. Thickness Assigned of tin, dimple
 - 9. Cr⁺³ yellow chrome, dimple
- A. Matte tin
 - B. Tab shell matte tin Ø4.0
 - C. Tin (With Y-S Logo)

e. Insulator Color :

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

f. Position of Clinch Nut :

- 0: Clear hole Ø3.05mm**
- 1: Rivet front 5.9mm
- 2: Rear rivet, 5.9mm
- 3: Rivet+2 prong boardlock 6.0*3.2mm
- 4: Rivet front, Round 5.9mm
- 5: Rivet+4 prong boardlock 6.0*3.2mm
- 6: Boardlock 4.75*11.7mm, track hole section 1.0mm
- 7: Rivet+2 prong boardlock 5.2*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: Boardlock 7.1*3.2
- S: Round Boardlock 27.5mm
- T: Rear Rivet 6.2mm
- U: Boardlock 9.6*3.2mm
- V: Boardlock 13.5*3.2mm, track hole section 1.0mm
- W: Boardlock 11.9*3.2mm, track hole section 1.0mm
- X: Boardlock 12.5*3.2mm, track hole section 1.0mm

g. Flange Mounting Option :

- 0: Ø3.05mm 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

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
- 0. Without ferrite
 - 1. With ferrite

Lettering :

- Y: laser lettering
- K: kang tai lettering

101 SERIES
D-SUB DIP STRAIGHT TYPE

101-XXXXXXXXXX

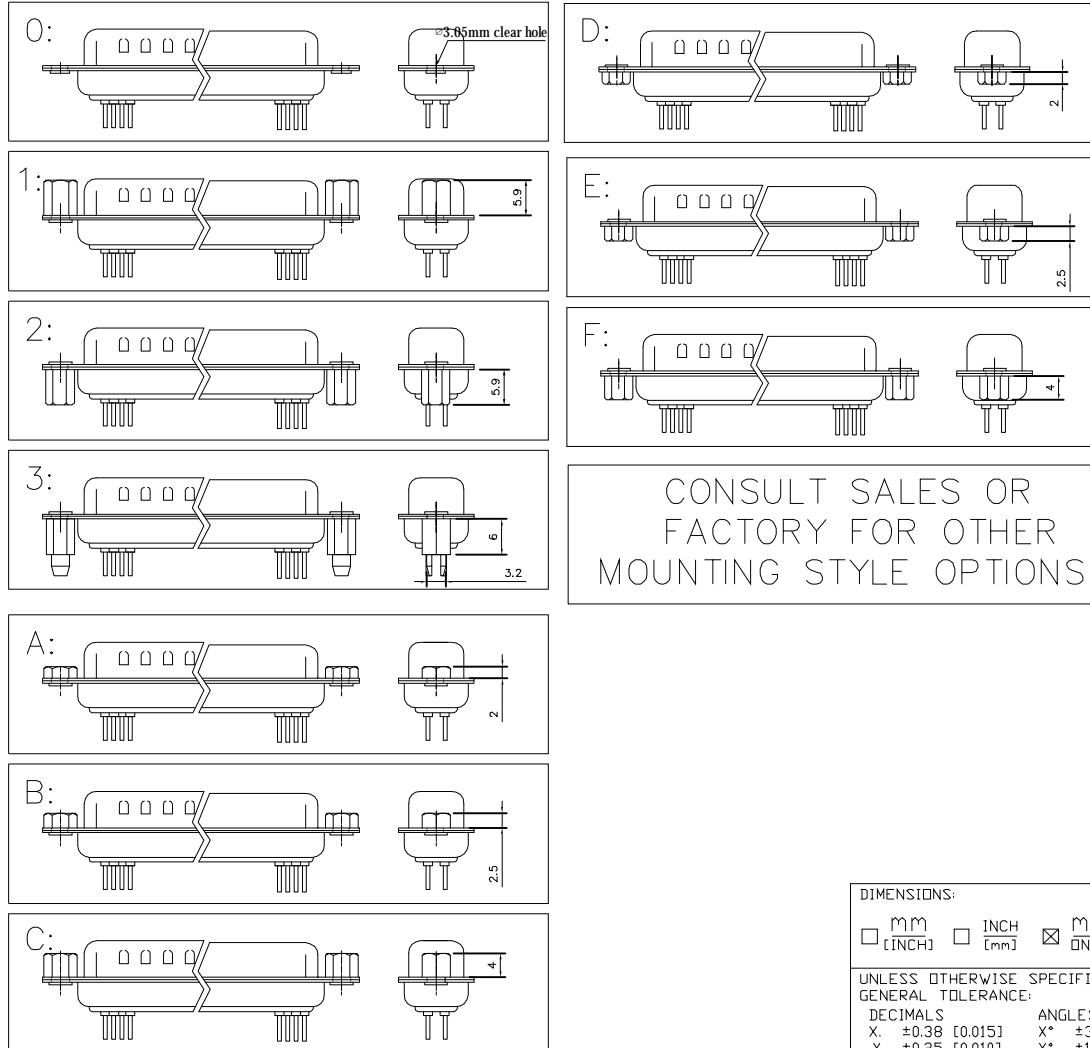
D

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RoHS COMPLIANT


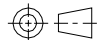
REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

f: Position of Clinch Nut



CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS

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 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 FINISH				DRAWING NO. 101-XXXXXXXXXX	REV A
SCALE: 1 : 1		SIZE: A3		FILE NO.:	SHEET 3 OF 3