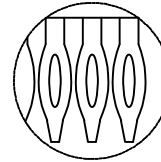
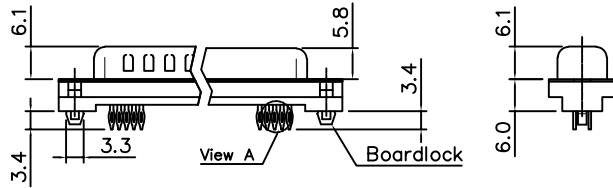
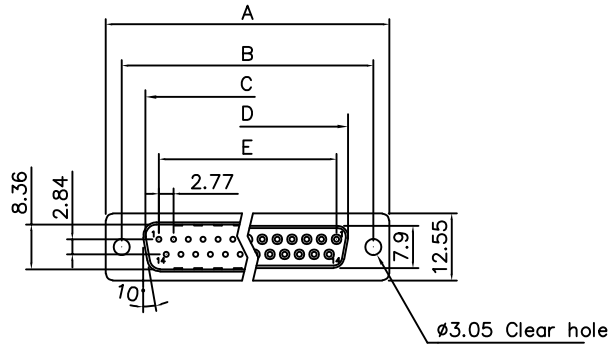


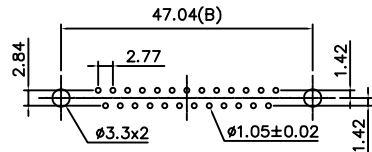
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|-----------|---------|-------------|-------------|------------|
| REV | ECN NO. | DESCRIPTION | APPROVED BY | DATE |
| △ | - | | FRANKY CHEN | 2011.10.10 |



View A=5:1



Recommended PCB Layout

Product Specification

Material

Insulator : See Ordering Information colour
 Contact : Phosphor Bronze
 Shell : Steel, 60u" Nickel Over 50u" min Copper
 Clinch Nut : Brass, Nickel Plated
 Boardlock : Brass, Tin Plated
 Screwlock : Steel, Nickel Plated

Electrical

Contact Resistance : 20 milliohms
 Insulation Resistance : 1000 megohms at 500 VDC
 Dielectric Withstanding Voltage : 1000 VAC/rms 60Hz for 1 minute
 Current Rating : 3 AMP
 Voltage Rating : 250 VAC/rms 60Hz
 Operation Temperature : -25°C to +85°C

Dimensions

| Positions | A | B | C | D | E |
|-----------|-------|-------|-------|-------|-------|
| 9 | 30.81 | 24.99 | 16.92 | 16.33 | 11.08 |
| 15 | 39.20 | 33.30 | 25.25 | 24.70 | 19.39 |
| 25 | 53.05 | 47.04 | 38.96 | 38.40 | 33.24 |
| 37 | 69.40 | 63.50 | 55.42 | 54.80 | 49.86 |

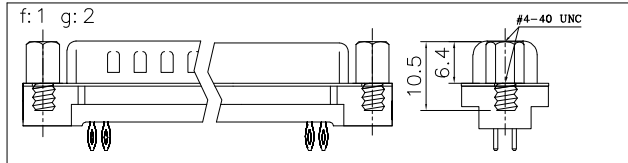
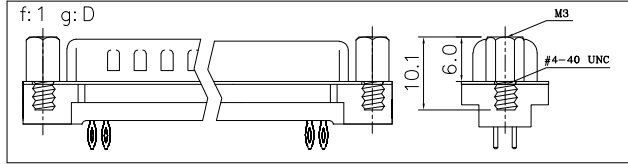
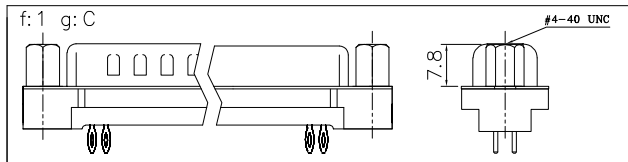
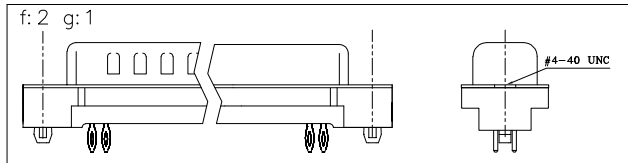
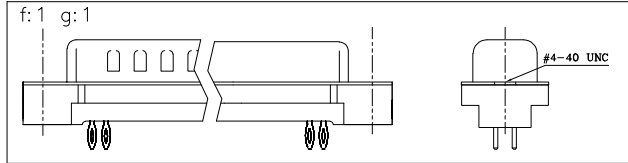
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| DIMENSIONS: <input type="checkbox"/> mm [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> mm ONLY | CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE | No. 101, Sec. 1, Long-An Street, Lu-Chu, Taoyuan, Taiwan, R.O.C. TEL: +886-3-3609819 FAX: +886-3-3609817 |
| | UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS ANGLES . ±0.38 [0.015] X° ±3° .X ±0.25 [0.010] .X° ±1.0° .XX ±0.13 [0.005] | |
| MATERIAL | APPROVED BY AND DATE KING CHIU 07-03-06 | DRAWING NO. 193-XXXXXXXX |
| FINISH | THIRD ANGLE PROJECTION | REV A |
| | SCALE: 1 : 1 | SIZE: A3 |
| | FILE NO.: | SHEET 1 OF 3 |

DO NOT SCALE DRAWING


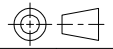
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| REV | ECN NO. | DESCRIPTION | APPROVED BY | DATE |
| | | | | |



CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS

| | | |
|---|---|---|
| DIMENSIONS: <input type="checkbox"/> mm [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> mm ONLY | CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE |  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 |
| | DRAWN BY AND DATE JUSTIN XING 07-03-06 | |
| 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] | CHECKED BY AND DATE JUSTIN XING 07-03-06 APPROVED BY AND DATE KING CHIU 07-03-06 THIRD ANGLE PROJECTION | DRAWING NO. 193-XXXXXXXX |
| MATERIAL |  | REV A |
| FINISH | SCALE: 1 : 1 SIZE: A3 | FILE NO.: SHEET 3 OF 3 |

DO NOT SCALE DRAWING

1 2 3 4 5 6 7 8

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

Ordering Information

193 - $\frac{XX}{a}$ $\frac{X}{b}$ $\frac{X}{c}$ $\frac{X}{d}$ $\frac{X}{e}$ $\frac{X}{f}$ $\frac{X}{g}$

a. No. Of Contacts:

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

b. Contact Type

- 1: Male
- 2: Female

c. Contact Plating

- 0: Gold flash selective gold
- 1:15u" selective gold on contact
- 2:30u" selective gold on contact
- 3:3u" selective gold on contact
- 4: 30u" Gold flash full gold

d.Shell plating :

- 0.Cr⁺³yellow chrome
- 1.Nickel(standard)
- 2.Tin
- 3.Cr⁺⁶yellow chrome
- 4.Gold flash
- 5.Special tin
- 6.Matte tin

e.Insulator Color

- 1:Black
- 2:Black(high temperature)
- 3:White


f.Rivet Options :

- 1.Nut rivet:4.5*2.9*6.0mm
- 2.Standoff+2 prong boardlock
- 3.Front rivet round nut, 6.0mm
- 4.Copper alloy Pole rivet
- 5.Front hex rivet,6.0mm
- 6:Rivet+2 prong boardlock1.5*3.05mm

g.Flange Mounting Option :

- 0: ϕ 3.05mm clear hole
- 1:#4-40 threaded hole
- 2:#4-40 threaded hole with #4-40 unc(6.4*10.5mm)screwlock installed
- 3:#4-40 threaded hole with #4-40 unc(6.4*10.5mm)screwlock buld-packed
- 4:M3 threaded hole
- 5:#4-40 threaded hole with M3(6.4*10.5mm)screwlock installed
- 6:#4-40 threaded hole with M3(6.4*10.5mm)screwlock buld-packed
- 7:M3 threaded hole with M3(4.5*18.75mm)screwlock installed
- A:M3 threaded hole with #4-40 unc(6.0*10.1mm)screwlock installed
- C:#4-40 threaded hole with #4-40 unc(6.0*10.1mm)screwlock installed
- D:#4-40 threaded hole with M3(6.0*10.1mm)screwlock installed

DO NOT SCALE DRAWING

| | | |
|--|---|---|
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| MATERIAL | SCALE: 1 : 1 | SIZE: A3 |
| FINISH | DRAWING NO. 193-XXXXXXXXX | |
| FILE NO.: | | REV A |
| | | SHEET 1 OF 1 |