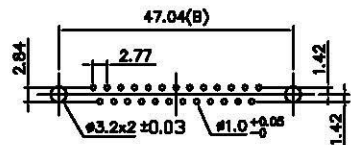
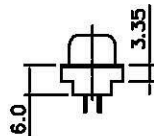
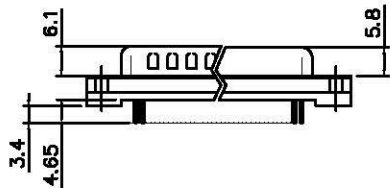
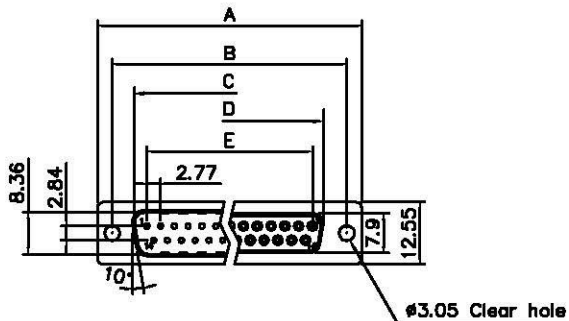


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A				



Recommended PCB Layout

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

Product Specification

Material

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

Electrical

Contact Resistance :20 milliohms
 Max at 1 AMP DC.
 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

DO NOT SCALE DRAWING

DIMENSIONS:
 MM [INCH] INCH [mm] MM ONLY

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

MATERIAL

FINISH

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CHECKED BY AND DATE
 JUSTIN XING 05-26-06

APPROVED BY AND DATE
 KING CHIU 05-26-06

THIRD ANGLE PROJECTION

SCALE: 1:1 SIZE: A3

All Connectors
 www.allconnectors.de
 Tel: 0049 711 700500
 70794 Filderstadt - Germany

info@allconnectors.de
 Fax: 0049 711 7005034
 kettemerstr. 25

TITLE
 192 SERIES D-SUB STRAIGHT TYPE
 W/O METAL REAR SHELL

DRAWING NO. 192-XXXXXXXXX REV A

FILE NO. SHEET 1 OF 3

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Ordering Information

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

a. No. Of Contacts:

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

- 5.Front rivet six nut,6.0mm
- 6.Standoff+4 prong boardlock \varnothing 3.15(quadrangle)
- 7.Standoff+2 prong boardlock \varnothing 3.15(quadrangle)
- 8.Front rivet round nut,6.9mm

- 9.Front rivet round nut,6.5mm
- A.Standoff+4 prong boardlock \varnothing 3.25(quadrangle)
- B.Standoff+4 prong boardlock \varnothing 3.20(hexagon)

b. Contact Type

- 1: Male(3.4mm) 3: Male(3.7mm)
- 2: Female(3.4mm) 4: Female(3.7mm)

g.Flange Mounting Option :

- 0: \varnothing 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:#4-40 threaded hole with M3(6.0*10.1mm)screwlock installed
- 8:#4-40 threaded hole with #4-40 unc(5.0*10.0mm) round "-" font screwlock installed
- 9:#4-40 threaded hole with #4-40 unc(5.8*10.0mm)screwlock installed
- A:#4-40 threaded hole with #4-40 unc(5.8*10.8mm)screwlock installed
- B:#4-40 threaded hole with #4-40 unc(5.0*18.0mm)screwlock installed
- C:#4-40 threaded hole with #4-40 unc(6.0*10.1mm)screwlock installed
- D:#4-40 threaded hole with M3(5.8*10.0mm)screwlock installed
- E:#4-40 threaded hole with #4-40 unc(6.0*10.1mm)single(anigh #1pin)screwlock installed
- F:#4-40 threaded hole with #4-40 unc(6.0*10.1mm) round screwlock installed
- G:#4-40 threaded hole with #4-40 unc(5.0*9.0mm)screwlock installed
- H:#4-40 threaded hole with M3(5.8*10.0mm)screwlock buld-packed

c. Contact Plating

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

d.Shell plating :

- 0.Cr⁺³ yellow chrome
- 1.Nickel(standard)
- 2.Tin
- 3.Cr⁺⁶ yellow chrome
- 4.Gold flash
- 5.Special tin
- 6.Tin tab shell,
- 7.Tin , ul logo



e.Insulator Color

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

f.Rivetting Options :

- 0. \varnothing 3.05mm clear hole
- 1.Nut rivet:4.5*2.9*6.0mm
- 2.Standoff+2 prong boardlock \varnothing 3.2
- 3.Standoff+2 prong boardlock \varnothing 3.0
- 4.Standoff+2 prong boardlock \varnothing 3.1

DO NOT SCALE DRAWING

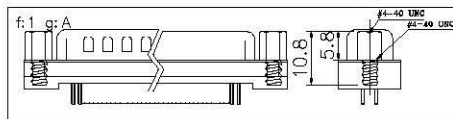
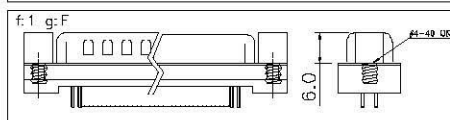
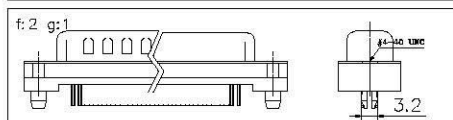
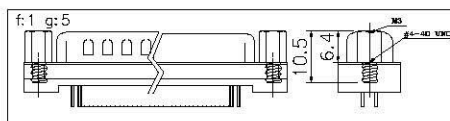
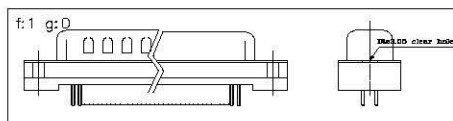
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UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS ANGLES X: \pm 0.38 [0.015] X° \pm 3° .X \pm 0.25 [0.010] .X° \pm 1.0° .XX \pm 0.13 [0.005]		CHECKED BY AND DATE JUSTIN XING 07-20-06 APPROVED BY AND DATE KING CHIU 07-20-06 THIRD ANGLE PROJECTION		TITLE 192 SERIES D-SUB DIP STRAIGHT TYPE HIGH PROFILE	
MATERIAL: _____ FINISH: _____				DRAWING NO. 192-XXXXXXXXX	
SCALE: 1 : 1 SIZE: A3		FILE NO.: _____		REV C	
SHEET 2 OF 3				SHEET 2 OF 3	

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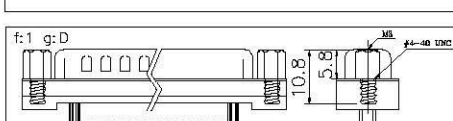
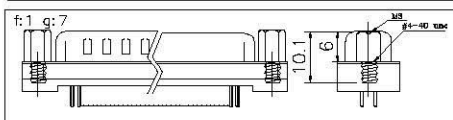
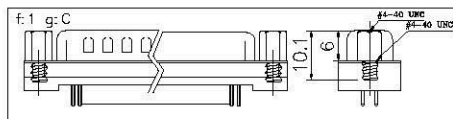
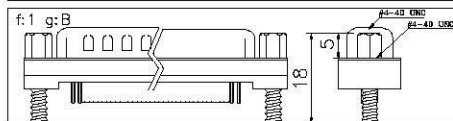
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REVISIONS

REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE



CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS



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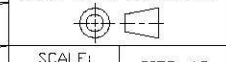
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MATERIAL
FINISH

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 THIRD ANGLE PROJECTION



SCALE: 1:1 SIZE: A3



TITLE
 192 SERIES
 D-SUB DIP STRAIGHT TYPE
 HIGH PROFILE

DRAWING NO.
 192-XXXXXXXXX

FILE NO. SHEET 3 OF 3