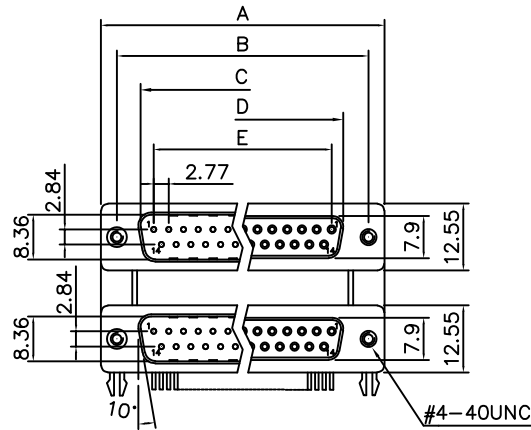


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Dimension Of "F"	
< 1 >	15.88
< 2 >	19.05
< 3 >	22.86

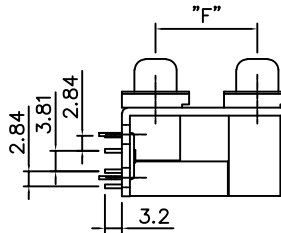
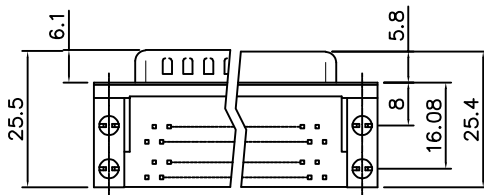
Product Specification

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


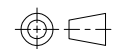
Contact Resistance : 20 milliohms
 Max at 1 AMP DC.
 Insulation Resistance : 1000
 megohms at 500 VDC
 Dielectric Withstanding Voltage :
 1000 VAC/rms 60Hz for 1 minute
 Current Rating : 3 AMP
 Voltage Rating : 250 VAC/rms 60Hz



DO NOT SCALE DRAWING

Dimensions

Positions	A	B	C	D	E
9	30.81	24.99	16.92	16.33	11.08
15	39.20	33.30	25.25	24.66	19.39
25	53.05	47.04	38.96	38.38	33.24
37	69.40	63.50	55.42	54.84	49.86

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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]		CHECKED BY AND DATE JUSTIN XING 10-21-05 APPROVED BY AND DATE KING CHIU 10-21-05
MATERIAL FINISH	 SCALE: 1 : 1 SIZE: A3	DRAWING NO. 109-XXXXXXXXX FILE NO.:	REV A SHEET 1 OF 4

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Ordering Information

109 - $\frac{x}{a}$ $\frac{xx}{b}$ $\frac{xx}{c}$ $\frac{x}{d}$ $\frac{x}{e}$ $\frac{x}{f}$ $\frac{x}{g}$ $\frac{x}{h}$

a. Dimension:

- 1: 15.88mm
- 2: 19.05mm
- 3: 22.86mm
- 4: 20.40mm

b. Contact Type(Top)

- 01: 09P
- 02: 09S
- 03: 15P
- 04: 15S
- 05: 25P
- 06: 25S
- 07: 37P
- 08: 37S
- 09: HD15P
- 10: HD15S
- 11: HD26S
- 12: HD44S

c. Contact Type (Bottom)

- 00: None
- 01: 09P
- 02: 09S
- 03: 15P
- 04: 15S
- 05: 25P
- 06: 25S
- 07: 37P
- 08: 37S
- 09: HD15P
- 10: HD15S
- 11: 09P x09P
- 12: 09P x09S
- 13: 09P xHD15S
- 14: Earphone Jack x3
- 15: HD 26S
- 16: DVI 24+1 Female
- 17: DVI 24+5 Female
- 18: HD 44S

d. Contact Plating

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

e. Shell Plating :

- 0. Cr yellow⁺³ chrome
- 1. Nickel(standard)
- 2. Tin
- 3. Cr yellow⁺⁶ chrome
- 4. Gold flash
- 5. Cr⁺⁶ yellow chrome, dimple
- 6. Cr⁺³ yellow chrome, dimple
- 7. Nickel(With Y-S Logo)
- 8. Tin(With Y-S Logo)

f. Insulator Color

- 1: Blue
- 2: Black
- 3: White
- 4: Gray
- 5: Green
- 6: Black(high temperature)
- 7: PC99 red
- 8: PC99 yellow
- 9: Beige
- A: Up Black Down Blue
- B: Up Blue Down White
- C: Blue(PA66 Black plastic stent)


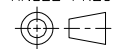
g. Board Mounting Options

- 1: Grounding Strap
- 2: Grounding Hook Boardlock single
- 3: Grounding Hook Boardlock dual
- 4: Grounding Hook Boardlock(high)

h. Flange Mounting Option

- 0: ϕ 3.05mm clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded hole with #4-40 unc(4.8*11.8mm)screwlock installed
- 3: #4-40 threaded hole with #4-40 unc(4.8*11.8mm)screwlock buld-packed
- 4: M3 threaded hole
- 5: #4-40 threaded hole with M3(4.8*11.8mm)screwlock installed
- 6: M2.6 threaded hole
- 7: #4-40 threaded hole with M2.6 unc(4.8*11.8mm)screwlock installed
- 8: #4-40 threaded hole with #4-40 unc(6.0*12.0mm)screwlock installed
- 9: #4-40 threaded hole with #4-40 unc(6.0*12.0mm)screwlock buld-packed
- A: #4-40 threaded hole with #4-40 unc(5.0*10.5mm)round with "-" font screwlock installed
- B: #4-40 threaded hole with #4-40 unc(5.8*11.8mm)screwlock installed
- C: 15PIN CONNECTOR #4-40 threaded hole, 9PIN CONNECTOR #4-40 unc(4.8*11.8mm)screwlock installed

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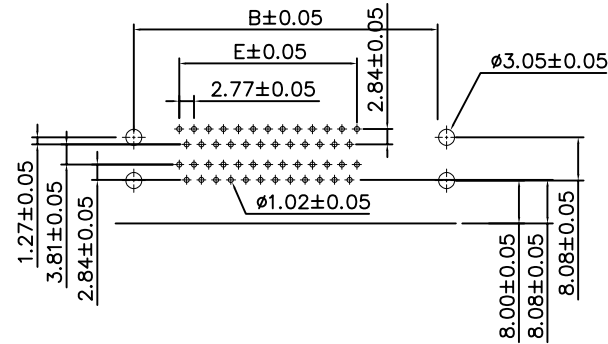
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MATERIAL		THIRD ANGLE PROJECTION 		DRAWING NO. 109-XXXXXXXXX	
FINISH		SCALE: 1 : 1	SIZE: A3	FILE NO.:	SHEET 1 OF 1

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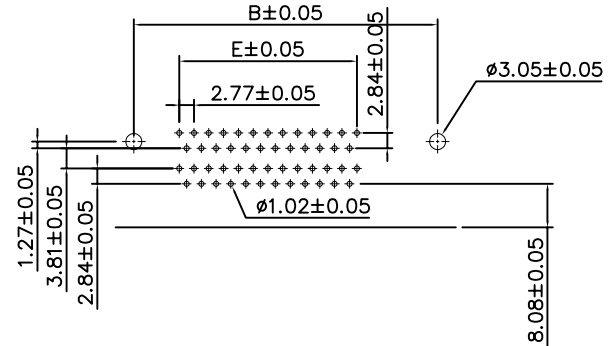
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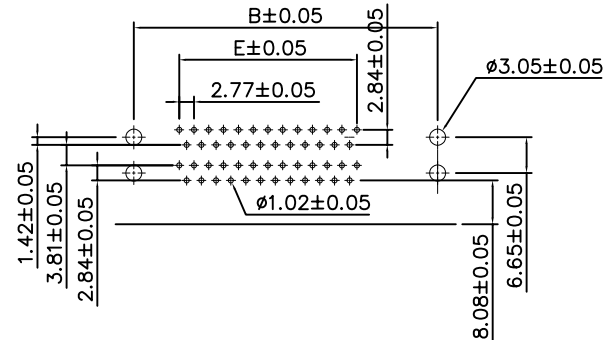
RECOMMENDED PCB LAYOUT
(FOR BOARD MOUNTING: CLEAR HOLE AND QUAD BOARDLOCK)




RECOMMENDED PCB LAYOUT
(FOR BOARD MOUNTING: DUAL BOARDLOCK)



RECOMMENDED PCB LAYOUT
(FOR BOARD MOUNTING: QUAD BOARDLOCK(B TYPE))



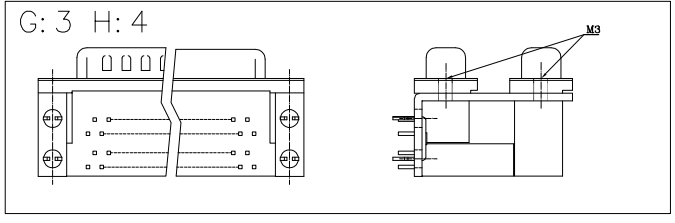
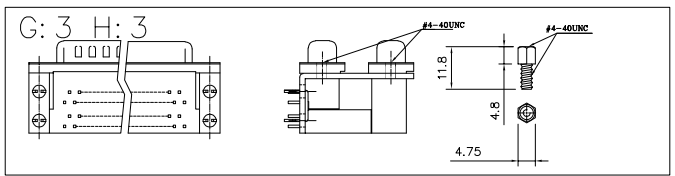
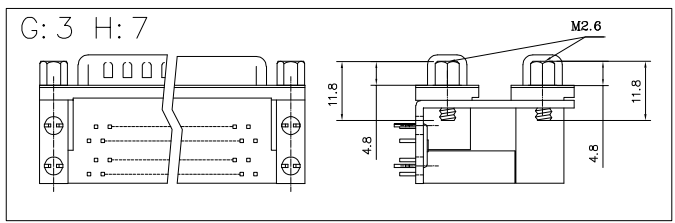
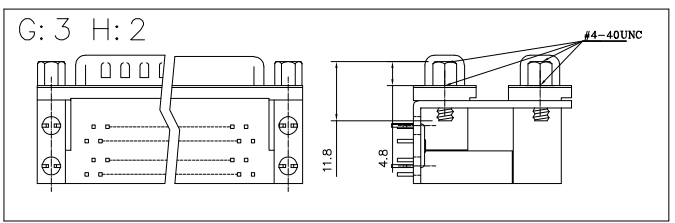
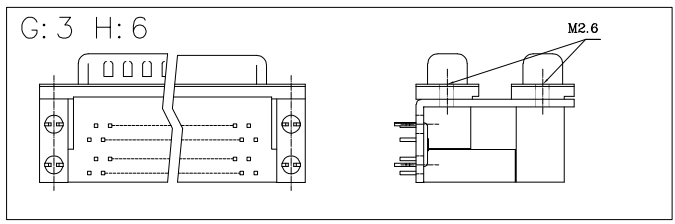
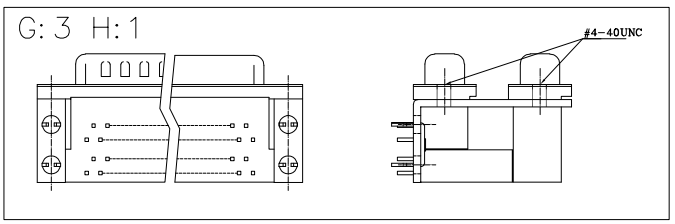
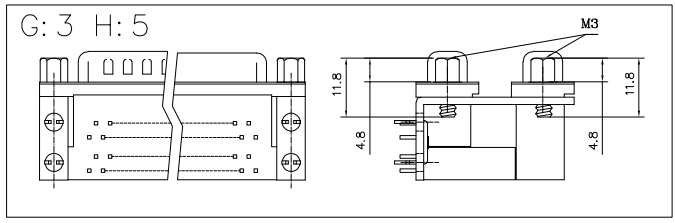
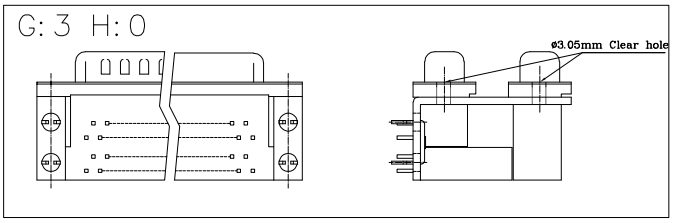
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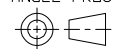
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MATERIAL FINISH	SCALE: 1 : 1 SIZE: A3	DRAWING NO. 109-XXXXXXXXX REV A
FILE NO.:		SHEET 4 OF 4

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MATERIAL FINISH	SCALE: 1 : 1 SIZE: A3	DRAWING NO. 109-XXXXXXXXX	REV A
		FILE NO.:	SHEET 3 OF 4

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