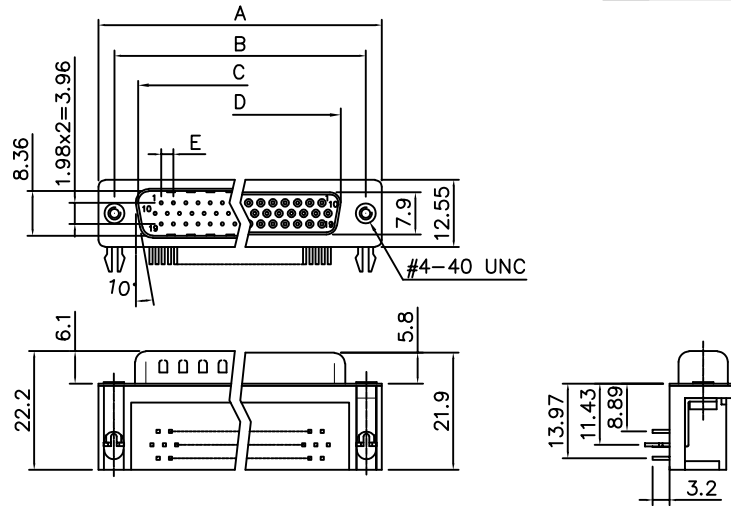


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REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A				



Product Specification

Material

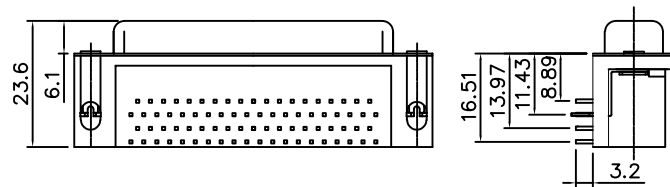
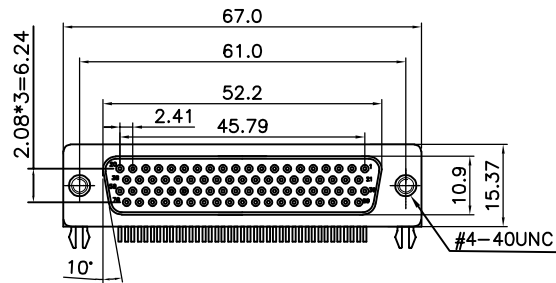
Insulator : Glass-Filled Thermoplastic PBT, UL94V-0
 Contact : Brass
 Shell : Steel, 60u" Nickel Over 50u" min Copper
 Clinch Nut : Brass, Nickel Plated.
 Boardlock : Steel, Tin Plated.
 Screwlock : Steel, Nickel Plated.

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
15	30.81	24.99	16.92	16.33	2.29
26	39.20	33.30	25.25	24.70	2.29
44	53.05	47.04	38.96	38.40	2.29
62	69.40	63.50	55.42	54.80	2.41



78 Positions

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MATERIAL		REV A
FINISH	SCALE: 1 : 1	SIZE: A3
FILE NO.:		SHEET 1 OF 4

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Ordering Information

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

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

a. No. Of Contacts:

- 15: 15 positions
- 26: 26 positions
- 44: 44 positions
- 62: 62 positions
- 78: 78 positions

b. Contact Type

- 1: Male
- 2: Female
- 2A: 3.08 Female
- 2B: 5.08 Female
- 2C: 3.08 Female phosphor copper
- 2D: Female (Pin: 1.7mm)
- 2E: 3.4 Female
- 3: Long-Body Female
- 4: Female (reverse direction)
- 5: 14.81 Female (raise)
- 6: Female (phosphor bronze)
- 7: Female (Heavy plate)

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: Gold flash selective gold add plating
- 8: 5u" Gold flash full gold
- 9: 2.5 μ inch min gold over 12 μ inch Pd-Ni
- A: 2.5 μ inch min gold over 28 μ inch Pd-Ni
- B: 20u" selective gold on contact
- C: 2 μ inch min gold over 12 μ inch Pd-Ni
- D: Tin

d. Shell plating :

- 0. Cr⁺³ yellow chrome
- 1. Nickel (standard)
- 2. Tin
- 3. Cr⁺⁶ yellow chrome
- 4. Gold flash
- 5. Tin, not dimple
- 6. Cr⁺⁶ yellow chrome, dimple
- 7. Special tin
- 8. Cr⁺³ yellow chrome, dimple
- 9. Nickel plated (With Y-S Logo)
- A. Special Ni
- B. Special Ni, dimple (Continuous 24 hours salt spray)
- C. Reflexed Shell Ni
- D. Special Ni, dimple (Continuous 48 hours salt spray)

e. Insulator Color

- 1: Blue
- 2: Black
- 3: White
- 4: PC99 blue
- 5: PC99 red
- 6: Black (high temperature)
- 7: PC99 yellow
- 8: Gray
- 9: Green
- A: Blue, #9 recessed 0.15mm
- B: PC99 blue, #9 recessed 0.15mm
- C: Black W/O halogen
- D: Blue, #9 recessed 1.27mm
- E: LCP Black W/halogen
- F: BLUE (high temperature)

f. Rivet Options :

- 0: None
- 1: Grounding Strap #4-40 threaded on panel
- 2: Grounding Strap #4-40 threaded on PCB & panel
- 3: Grounding Hook Boardlock+2 prong
- 4: Grounding Hook Boardlock+4 prong
- 5: Grounding Hook Boardlock+2 prong 5.48mm
- 6: Mounting EMI Back Shell
- 7: Grounding Hook Dip+2 prong 3.00mm
- 8: Grounding Hook Dip+2 prong 2.20mm
- g. 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 bulk-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(4.8*11.8mm) screwlock installed
- 8: #4-40 threaded hole with screw locking type #4-40 unc(4.80*11.80mm)
- 9: Front hex nuts rivet, #4-40 unc
- A: #4-40 threaded hole with #4-40 unc(5.8*11.8mm) screwlock installed
- B: #4-40 threaded hole with #4-40 unc(5.8*10.8mm) screwlock bulk-packed
- C: #4-40 threaded hole with smooth piece screwlock installed
- D: #4-40 threaded hole with smooth piece screwlock bulk-packed
- E: #4-40 threaded hole with #4-40 unc(5.8*11.8mm) screwlock bulk-packed
- F: Front round rivet, #4-40 unc
- G: #4-40 threaded hole with screw locking type #4-40 unc(5.80*11.80mm)
- H: #4-40 threaded hole with round #4-40 unc(6.1*11.94mm) screwlock installed
- I: #4-40 threaded hole with #4-40 unc(5.8*10.8mm) screwlock installed
- J: #4-40 threaded hole with #4-40 unc(5.8*10.8mm) "-" font screwlock bulk-packed
- K: #4-40 threaded hole with #4-40 unc(5.8*10.8mm) "-" font screwlock installed
- L: #4-40 threaded hole with pan head screw (cross slot) reverse screwlock installed
- M: #4-40 threaded hole with #4-40 unc(5.0*10.0mm) screwlock bulk-packed
- N: #4-40 threaded hole with #4-40 unc(5.8*13.0mm) screwlock installed
- P: #4-40 threaded hole with #4-40 unc(5.0*5.2*11.8mm) screwlock bulk-packed
- Q: #4-40 threaded hole with round "-" font #4-40 unc(5.0*10.5mm) screwlock installed

h. Ferrite :


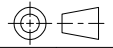
- 0. Without ferrite
- 1. With ferrite

i. Pin Removal Options

- X: Pin #9 removed
- Y: Pin #4 and #9 removed
- Z: Pin #4, #9 and #11 removed
- B: Pin #17, #18, #38, #39 and #59 removed
- M: Pin #4, #9 and #12 removed

j. Packing Tape :

- T. Tape reel

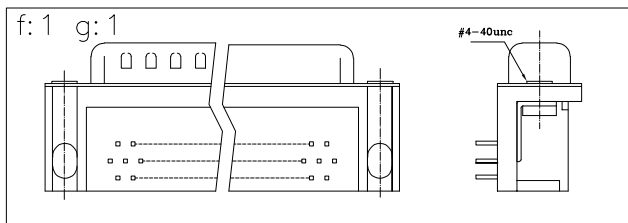
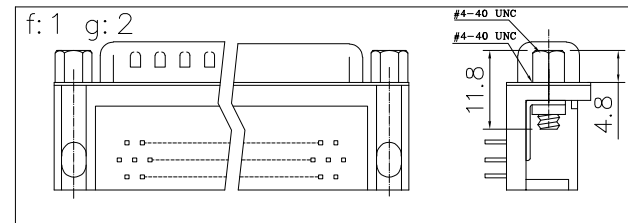
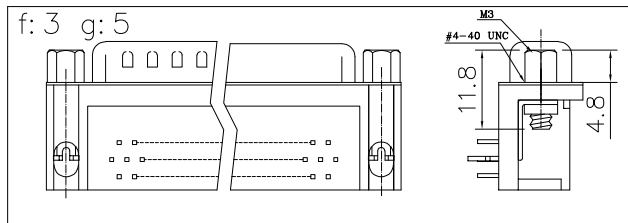
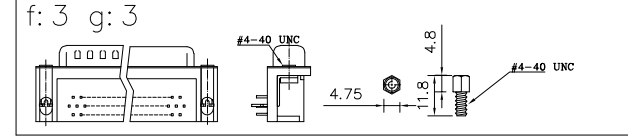
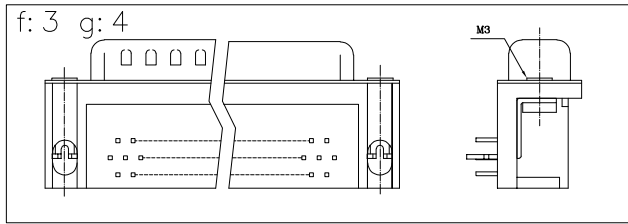
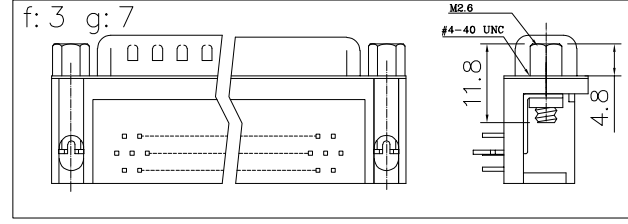
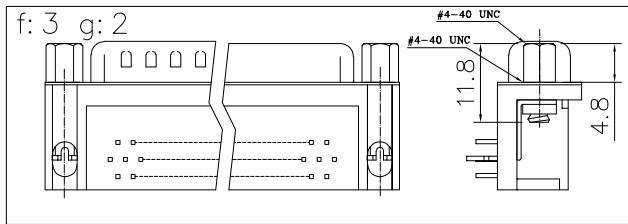
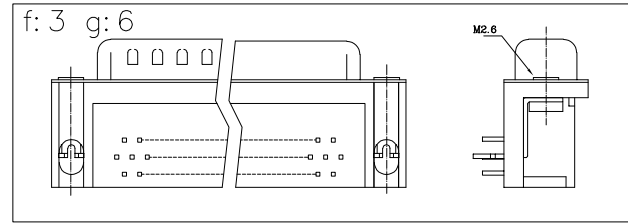
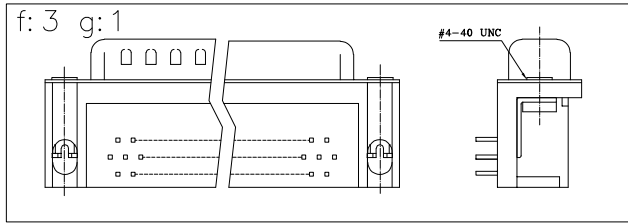
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MATERIAL	APPROVED BY AND DATE KING CHIU 07-20-06	DRAWING NO. 108-XXXXXXXXXX
FINISH	THIRD ANGLE PROJECTION 	REV A
SCALE: 1 : 1	SIZE: A3	FILE NO.: SHEET 1 OF 1

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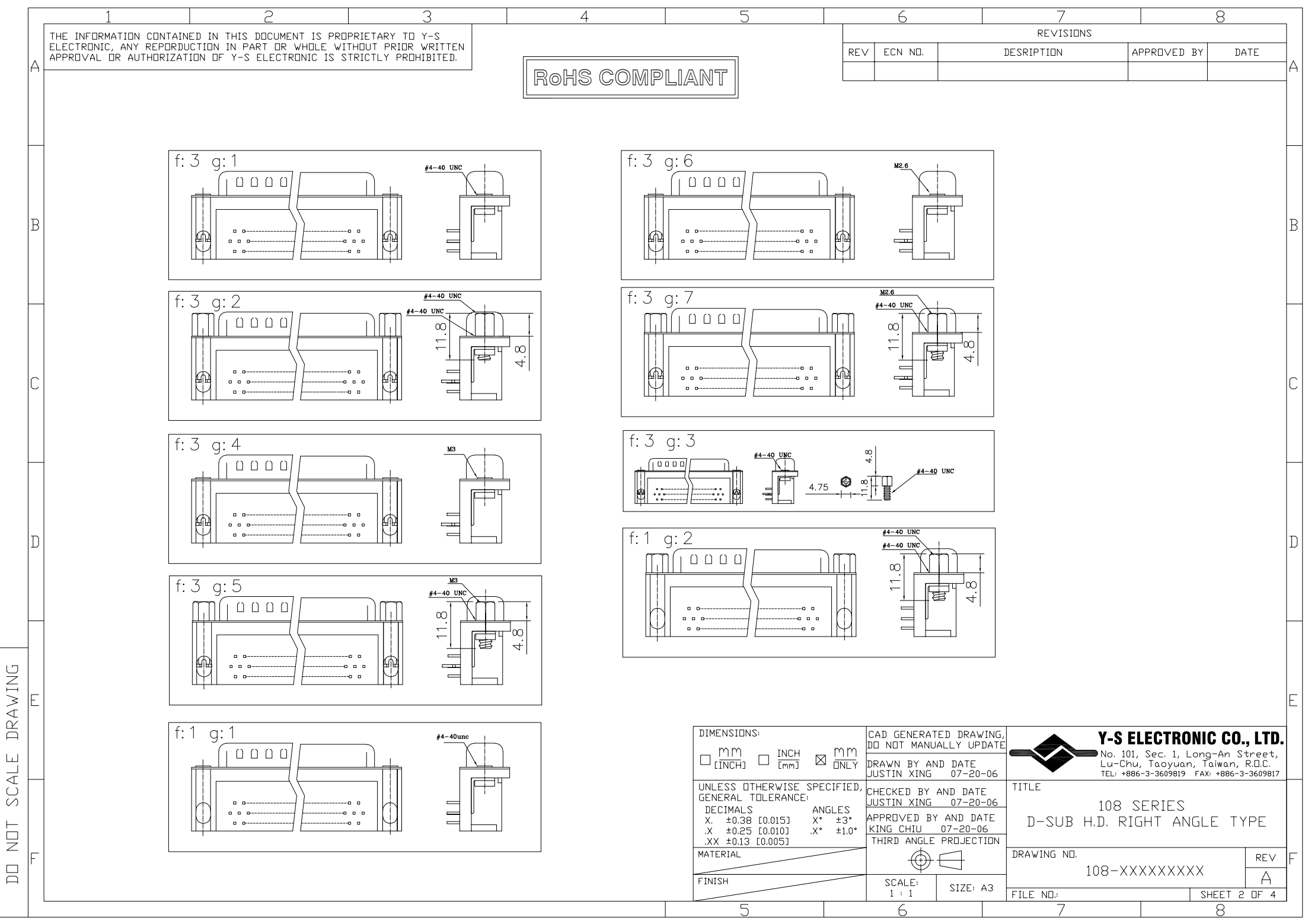
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REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE



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THIRD ANGLE PROJECTION 	SCALE: 1 : 1	SIZE: A3
DRAWING NO. 108-XXXXXXXXXX	REV A	FILE NO.: SHEET 2 OF 4

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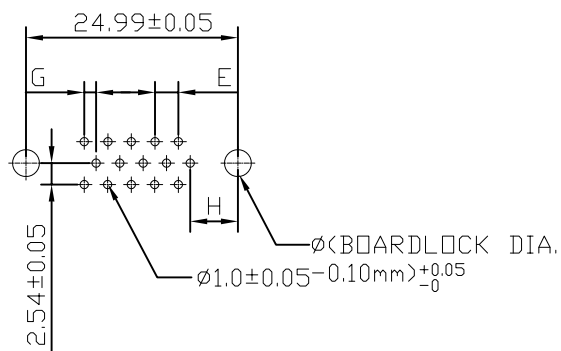


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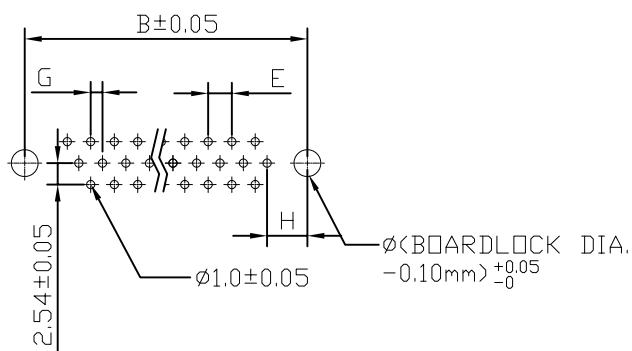
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REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

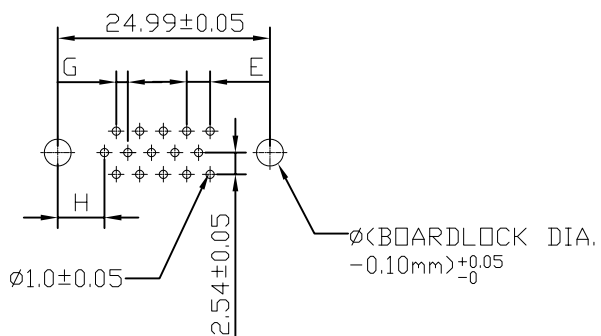
P.C.B LAYOUT PATTERN



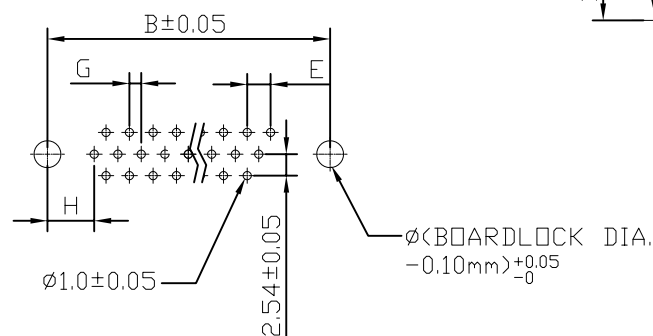
15 POSITION FEMALE



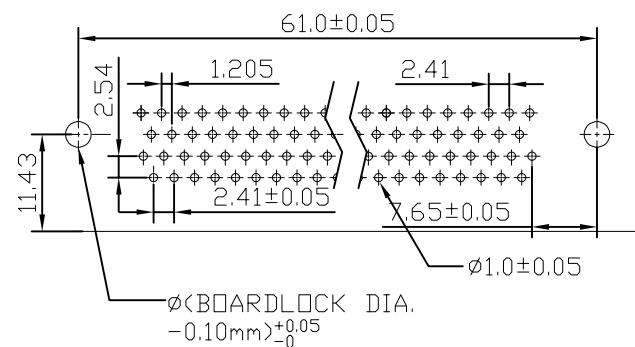
26,44,62 POSITION FEMALE



15 POSITION MALE


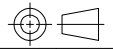


26,44,62 POSITION MALE



78 POSITION MALE/FEMALE

Positions	E	G	H
15M/F	2.29	1.145	7.04
26M/F	2.29	1.145	6.88
44M/F	2.29	1.145	6.88
62M/F	2.41	1.205	7.00

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MATERIAL FINISH	SCALE: 1 : 1	SIZE: A3	DRAWING NO. 108-XXXXXXXXXX	REV A
FILE NO.:		SHEET 4 OF 4		

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1 2 3 4 5 6 7 8

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A
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5 6 7 8