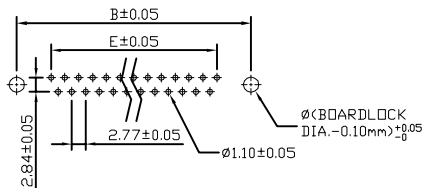
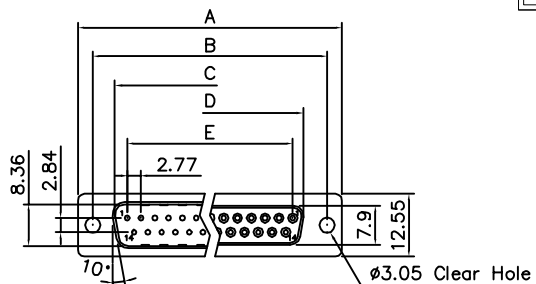


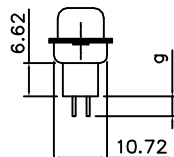
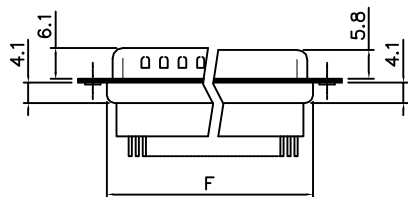
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REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE



RECOMMENDED PCB LAYOUT



Dimensions

Positions	A	B	C	D	E	F
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

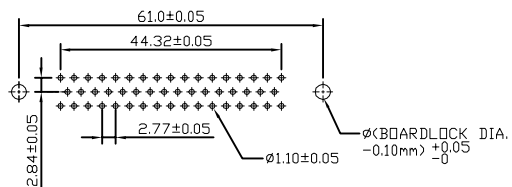
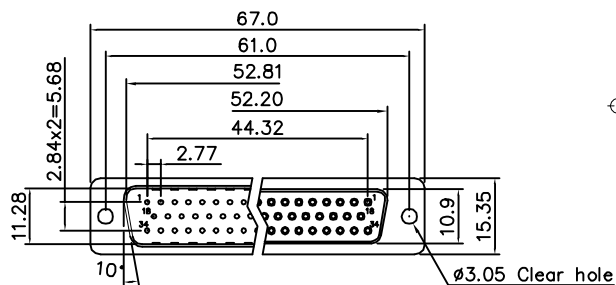
Product Specification

Material

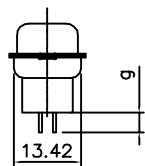
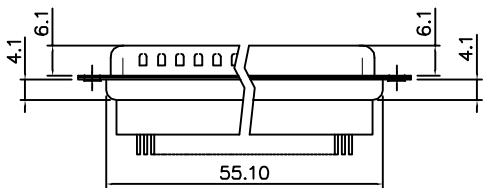
Insulator :Glass-Filled Thermoplastic PBT,UL94V-0 rated  
 Contact :Brass  
 Shell : Steel, 100u" Tin Over 50u" min Copper  
 Clinch Nut: Brass, 100u" min Nickel Plated.  
 Boardlock :Brass, 100u" min Tin Plated.  
 Screwlock :Brass, 100u" min Nickel Plated.

Electrical

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



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
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]	DRAWN BY AND DATE JUSTIN XING 07-03-06  CHECKED BY AND DATE JUSTIN XING 07-03-06  APPROVED BY AND DATE KING CHIU 07-03-06 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 155 SERIES D-SUB HIGH PROFILE STRAIGHT TYPE	
DRAWING NO. 155-XXXXXXXXXX	REV A
FILE NO.	SHEET 1 OF 3

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REVISIONS

REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

Ordering Information

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

a. No. Of Contacts:

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

b. Gender

- 1: Male
- 2: Female

c. Contact Plating

- 0: Gold flash selective gold
- 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: Full gold flash

d. Shell plating :

- 0. Cr<sup>+3</sup>yellow chrome
- 1. Nickel(standard)
- 2. Tin
- 3. Cr<sup>+6</sup>yellow chrome
- 4. Gold flash
- 5. Tin, dimple
- 6. Special tin
- 7. Tin(With Y-S Logo)

e. Rivet Options :

- 0: Clear hole  $\phi 3.05\text{mm}$
- 1: Front rivet 5.9mm
- 2: Rear rivet, 5.9mm
- 3: Boardlock+2 prong 11.0\*3.0mm
- 4: Boardlock+4 prong 11.0\*3.0mm
- 5: Boardlock+2 prong 14.5\*3.0mm
- 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: Boardlock+2 prong 11.7\*3.0mm
- H: Boardlock+2 prong 11.9\*3.2mm
- I: Boardlock+2 prong 13.5\*3.0mm
- J: Boardlock+2 prong 14.2\*3.0mm
- K: Boardlock+2 prong 10.0\*3.2mm
- L: Boardlock+2 prong 10.6\*3.2mm
- M: Boardlock+2 prong 12.7\*3.0mm
- N: Rear rivet, 12.7mm
- P: Boardlock+2 prong 15.0\*3.2mm
- Q: Boardlock+2 prong 9.6\*3.2mm
- R: Rear rivet, 12.0mm
- S: Rear rivet, 14.0mm

f. Flange Mounting Option :

- 0:  $\phi 3.05\text{mm}$  clear hole
- 1: #4-40 threaded hole
- 2: #4-40 threaded hole with #4-40 unc(5.0\*10.0mm) 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 hole with #4-40 unc(5.8\*10.8mm) screwlock installed
- 9: #4-40 insert(not through)
- A: #4-40 threaded hole with M3(5.8\*10.8mm) screwlock installed
- B: #4-40 threaded hole with #4-40 unc(4.8\*10.8mm) screwlock installed



g. Contact Type :

- 1: Stamped pin: 5.4mm
- 2: Machined pin: 5.4mm
- 3: Stamped pin: 3.6mm
- 4: Stamped pin: 7.2mm
- 5: Stamped pin: 4.0mm(male)
- 6: Machined pin: 3.8mm
- 7: Stamped pin: 2.8mm

h. Ferrite :

- 0. Without ferrite
- 1. With ferrite

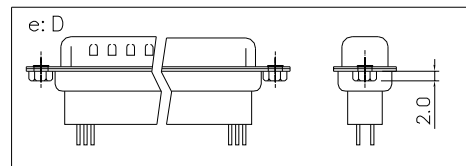
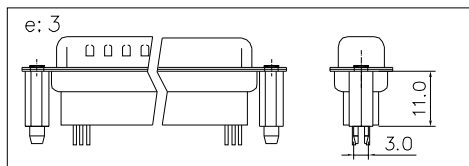
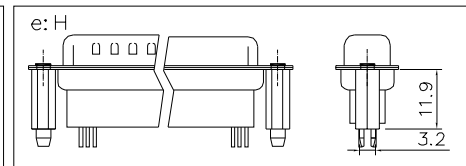
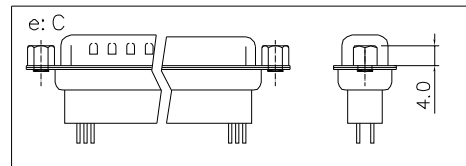
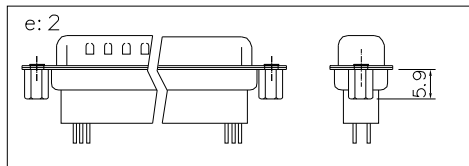
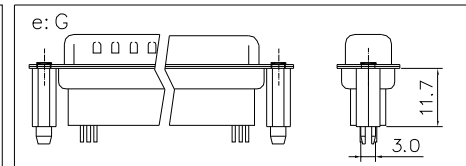
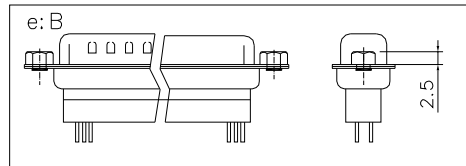
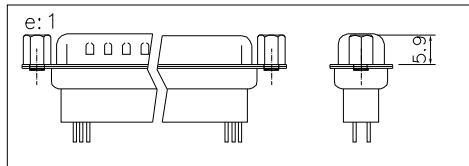
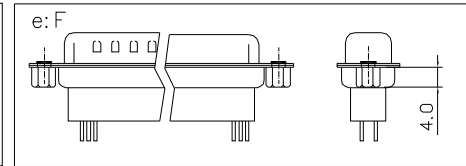
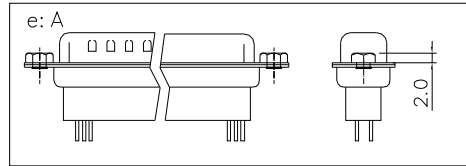
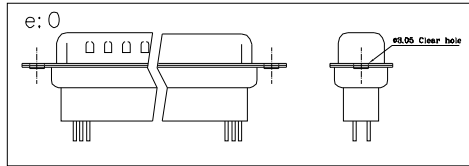
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MATERIAL				<b>TITLE</b> 155 SERIES D-SUB HIGH PROFILE STRAIGHT TYPE
FINISH		SCALE: 1 : 1	SIZE: A3	
FILE NO.:				REV <b>D</b>
SHEET 2 OF 3				

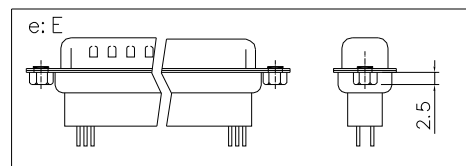
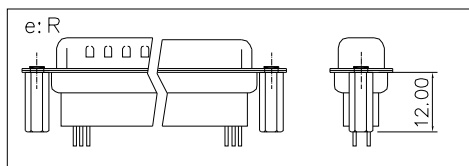
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FACTORY FOR OTHER  
MOUNTING STYLE OPTIONS



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 .XX   ±0.13 [0.005]

MATERIAL  
FINISH

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KING CHIU 07-03-06  
 THIRD ANGLE PROJECTION

SCALE:  
1 : 1      SIZE: A3



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TITLE  
**155 SERIES  
 D-SUB HIGH PROFILE STRAIGHT  
 TYPE**

DRAWING NO.  
 155-XXXXXXXXX      REV  
 A

FILE NO.      SHEET 3 OF 3