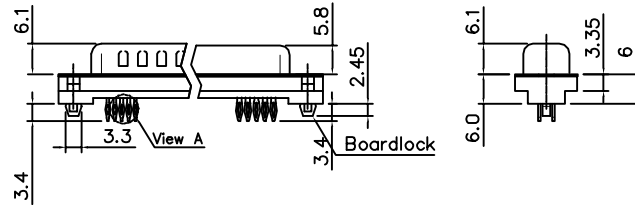
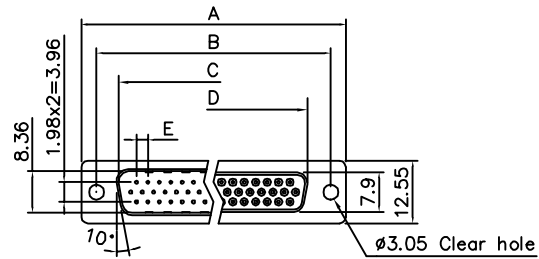


THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO Y-S ELECTRONIC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT PRIOR WRITTEN APPROVAL OR AUTHORIZATION OF Y-S ELECTRONIC IS STRICTLY PROHIBITED.

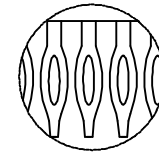
RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE



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



View A=5:1

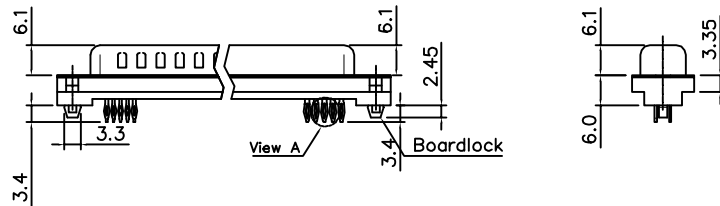
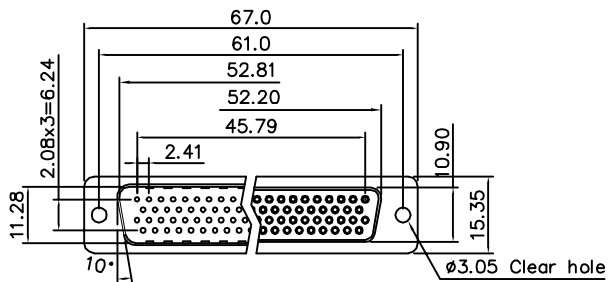
Product Specification

Material

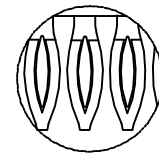
Insulator : See Ordering Information colour
 Contact :Phosphor Bronze
 Shell : Steel, 100u" Tin Over 50u" min Copper
 Clinch Nut: Brass, 100u" min Nickel Plated.
 Boardlock :Brass, 100u" min Tin Plated.
 Screwlock :Brass, 100u" min Nickel Plated.

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



78 Positions



View A=5:1

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]		CHECKED BY AND DATE JUSTIN XING 07-03-06	
MATERIAL		APPROVED BY AND DATE KING CHIU 07-03-06	
FINISH		THIRD ANGLE PROJECTION	
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 193a SERIES D-SUB H.D. STRAIGHT PRESS-FIT TYPE	
DRAWING NO. 193a-XXXXXXXX	REV A
FILE NO.	SHEET 1 OF 3

1 2 3 4 5 6 7 8

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO Y-S ELECTRONIC, ANY REPRODUCTION IN PART OR WHOLE WITHOUT PRIOR WRITTEN APPROVAL OR AUTHORIZATION OF Y-S ELECTRONIC IS STRICTLY PROHIBITED.

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

RoHS COMPLIANT

Ordering Information

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

a. No. Of Contacts:

- 15: 15 positions(male)
- 26: 26 positions(male)
- 44: 44 positions(male)
- 62: 62 positions(male)
- 78: 78 positions(female)

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

d. Shell plating :

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

e. Insulator Color

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



f. Rivet Options :

- 1. Nut rivet: 4.5*2.9*6.0mm
- 2. Standoff+2 prong boardlock
- 3. Round nut front rivet 6.0mm
- 4. Copper alloy Pole rivet
- 5. Front hex rivet, 6.0mm

g. Flange Mounting Option :

- 0: $\varnothing 3.05$ mm 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
- 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

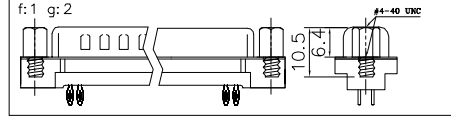
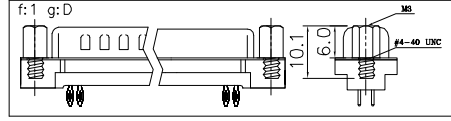
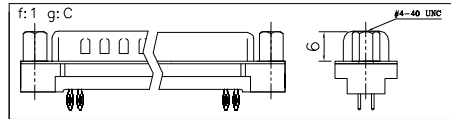
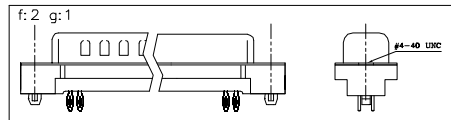
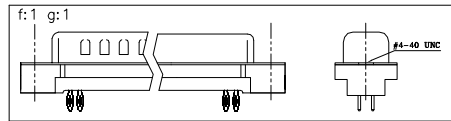
DO NOT SCALE DRAWING

DIMENSIONS: <input type="checkbox"/> MM [INCH] <input type="checkbox"/> INCH [mm] <input checked="" type="checkbox"/> MM ONLY		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JUSTIN XING 07-20-06		 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
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 07-20-06 APPROVED BY AND DATE KING CHIU 07-20-06 THIRD ANGLE PROJECTION		
MATERIAL				TITLE 193a SERIES D-SUB H.D. STRAIGHT PRESS-FIT TYPE
FINISH		SCALE: 1 : 1	SIZE: A3	
DRAWING NO. 193a-XXXXXXXX			REV A	SHEET 2 OF 3
FILE NO.:				

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO Y-S ELECTRONIC, ANY REPRODUCTION IN PART OR WHOLE WITHOUT PRIOR WRITTEN APPROVAL OR AUTHORIZATION OF Y-S ELECTRONIC IS STRICTLY PROHIBITED.

RoHS COMPLIANT

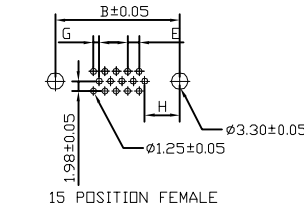
REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE



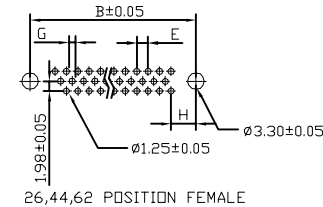
CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS

Positions	G	H
15M/F	1.145	7.04
26M/F	1.145	6.88
44M/F	1.145	6.88
	1.205	7.00

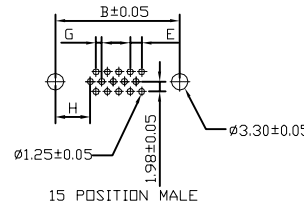
P.C.B LAYOUT PATTERN



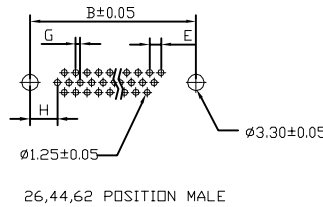
15 POSITION FEMALE



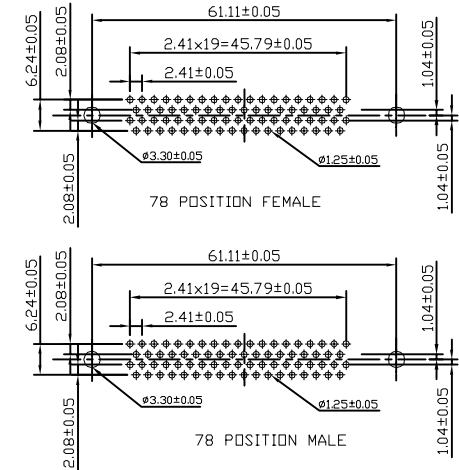
26,44,62 POSITION FEMALE



15 POSITION MALE



26,44,62 POSITION MALE



78 POSITION FEMALE

78 POSITION MALE

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 X. ±0.38 [0.015] .X ±0.25 [0.010] .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 193a SERIES D-SUB H.D. STRAIGHT PRESS-FIT TYPE	REV A
DRAWING NO. 193a-XXXXXXXX	FILE NO.
SHEET 3 OF 3	