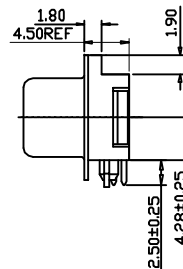
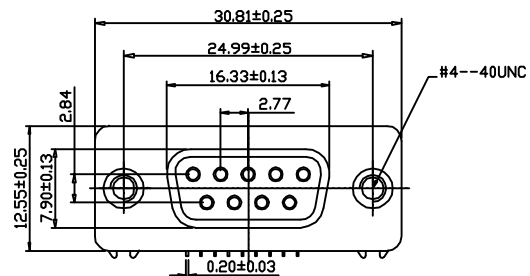


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RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A		⚠	KING CHIU	2007-01-25



SPECIFICATIONS

ELECTRICAL CHARACTERISTICS:

Contact Current Rating:3 Amperes.  
 Dielectric Withstanding Voltage: AC 1000/60sec.r.m.s.  
 Insulation Resistance:5000 Medohms Minimum.at DC 500V.  
 Contact Resistance:25 Milliohms Maximum.  
 Operating Temperature:-55°C to+105°C.

MECHANICAL CHARACTERISTICS:

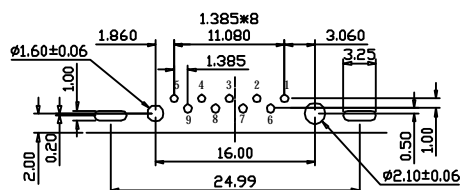
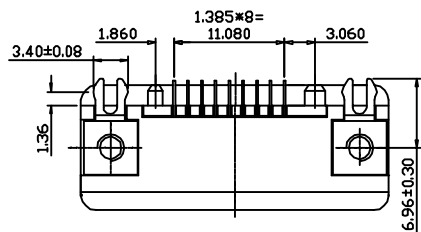
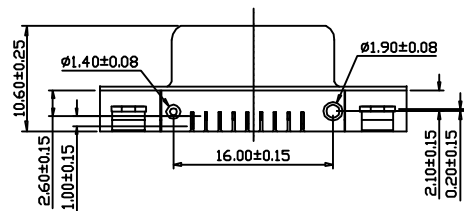
Contact Insertion Force:341 g.Maximum.  
 Contact Separation Force:21 g.Minimum.

MATERIALS:

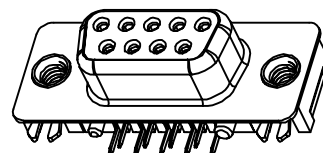
Contacts:Brass.  
 Insulator: PBT UL 94V-0 Rated.  
 Shell: Cold Roller Steel.

FINISHES:

Contact:Gold Flash.  
 Shell:Nickel Plated.



RECOMMENDED PCB LAYOUT



DO NOT SCALE DRAWING

DIMENSIONS:		
<input type="checkbox"/> mm [INCH]	<input type="checkbox"/> INCH [mm]	<input checked="" type="checkbox"/> mm ONLY

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]	

MATERIAL	
FINISH	

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE  
 DRAWN BY AND DATE  
 JUSTIN XING 10-30-06

CHECKED BY AND DATE  
 JUSTIN XING 10-30-06  
 APPROVED BY AND DATE  
 KING CHIU 10-30-06

THIRD ANGLE PROJECTION  
 SCALE: 2 : 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  
 223 SERIES  
 D-SUB RIGHT ANGLE SLIM TYPE

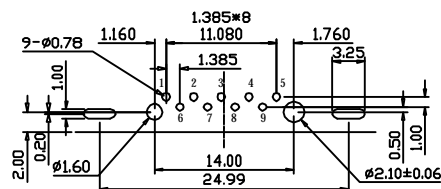
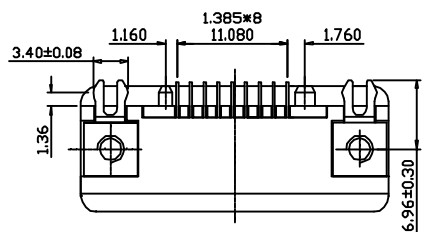
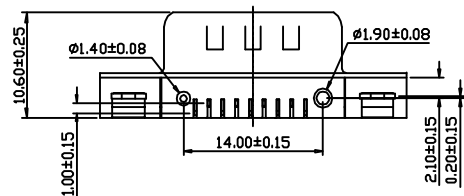
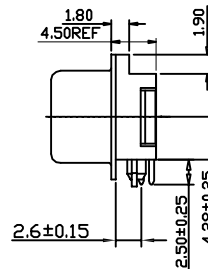
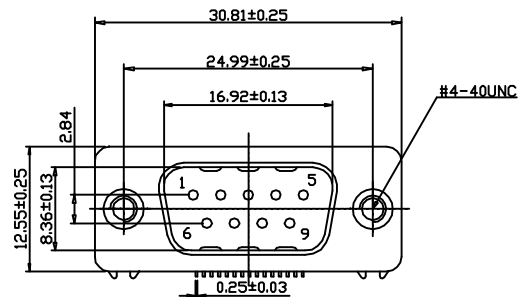
DRAWING NO. 223-09201131101	REV A
FILE NO.:	SHEET 1 OF 1



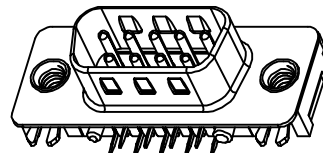
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RoHS COMPLIANT

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A		△	KING CHIU	2007-05-08



RECOMMENDED PCB LAYOUT



SPECIFICATIONS

ELECTRICAL CHARACTERISTICS:

Contact Current Rating:3 Amperes.  
 Dielectric Withstanding Voltage: AC 1000/60sec.r.m.s.  
 Insulation Resistance:5000 Medohms Minimum.at DC 500V.  
 Contact Resistance:25 Milliohms Maximum.  
 Operating Temperature:-55°C to+105°C.

MECHANICAL CHARACTERISTICS:

Contact Insertion Force:341 g.Maximum.  
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 Shell: Cold Roller Steel.

FINISHES:

Contact:Gold Flash.  
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DO NOT SCALE DRAWING

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<input type="checkbox"/> mm [INCH]	<input type="checkbox"/> INCH [mm]
<input checked="" type="checkbox"/> mm ONLY	

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]	

MATERIAL	
FINISH	

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 JUSTIN XING 10-30-06

CHECKED BY AND DATE  
 JUSTIN XING 10-30-06  
 APPROVED BY AND DATE  
 KING CHIU 10-30-06

THIRD ANGLE PROJECTION  
  
 SCALE: 2 : 1  
 SIZE: A3



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TITLE  
 223 SERIES  
 D-SUB RIGHT ANGLE SLIM TYPE

DRAWING NO. 223-09101131101	REV A
FILE NO.:	SHEET 1 OF 1

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**RoHS COMPLIANT**

Ordering Information

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

REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

**a. No. Of Contacts:**

- 09: 09 positions
- 25: 25 positions(female)

**b. Contact Type**

- 1: Male
- 2: Female

**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. Full tin
- 9. 30u"selective gold on contact; Other 3u" gold upwards

**d. Shell plating :**

- 0. Cr yellow chrome
- 1. Nickel(standard)
- 2. Tin
- 3. Cr yellow chrome
- 4. Gold flash
- 5. Tin, not dimple
- 6. Cr yellow chrome, dimple
- 7. Special tin, dimple
- 8. Cr yellow chrome, dimple

**e. Insulator Color**

- 1: Blue
- 2: Black
- 3: White
- 4: Gray
- 5: Green
- 6: Black(high temperature)
- 7: PC99 red
- 8: PC99 yellow
- 9: Blue(high temperature)
- A: PC99 Blue(standard)

**f. Rivetting 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

**g. Flange Mounting Option :**

- 0:  $\phi$ 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 front hex rivet, 5.8mm
- 9: #4-40 threaded hole with #4-40 unc(5.8\*11.8mm)screwlock installed

**h. Contact Type :**

- 1: Stamped contact



**i. Ferrite Options :**

- 0: Without

**j. Footprint :**

- 1: 2.60mm footprint

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 10-20-06	 <b>Y-S ELECTRONIC CO., LTD.</b> 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. $\pm 0.38$ [0.015]   X° $\pm 3^\circ$ .X $\pm 0.25$ [0.010]   .X° $\pm 1.0^\circ$ .XX $\pm 0.13$ [0.005]		CHECKED BY AND DATE JUSTIN XING 10-20-06 APPROVED BY AND DATE KING CHIU 10-20-06 THIRD ANGLE PROJECTION 
MATERIAL FINISH	SCALE: 1 : 1      SIZE: A3	DRAWING NO. 223-XXXXXXXXXXXXX	REV A
FILE NO.:		SHEET 1 OF 1	