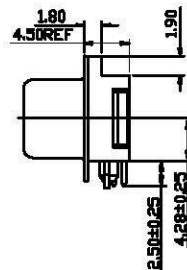
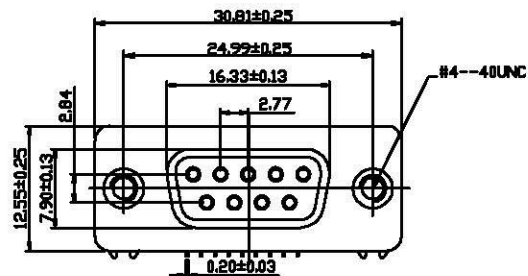


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RoHS COMPLIANT

REVISIONS				
REV	EDN 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:

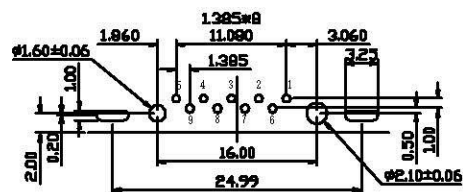
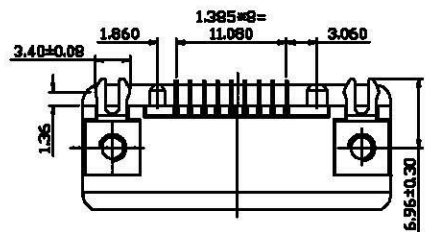
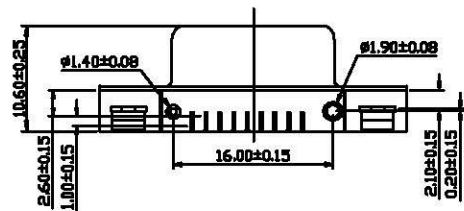
Contact Insertion Force:341 g.Maximum.
Contact Separation Force:21 g.Minimum.

MATERIALS:

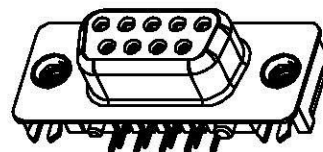
Contacts:Brass.
Insulator: PBT UL 94V-0 Rated.
Shell:Gold Roller Steel.

FINISHES:

Contact:Gold Flash.
Shell:Nickel Plated.



RECOMMENDED PCB LAYOUT



DO NOT SCALE DRAWING

DIMENSIONS:
 MM (INCH) INCH [mm] MM ONLY
 UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:
 DECIMALS ANGLES
 .X ±0.38 [0.015] X° ±3°
 .X ±0.25 [0.010] X° ±10°
 .XX ±0.13 [0.005]

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

CHECKED BY AND DATE
 JUSTIN KING 10-30-06
 APPROVED BY AND DATE
 KING CHIU 10-30-06
 THIRD ANGLE PROJECTION

MATERIAL
 FINISH
 SCALE: 2 : 1
 SIZE: A3

All Connectors.TD.
 www.allconnectors.de info@allconnectors.de
 Tel: 0049 711 7000503 Fax: 0049 711 7000504
 70774 Filderstadt - Germany Kettnerstr. 25

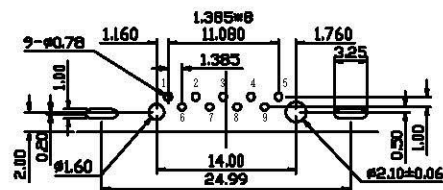
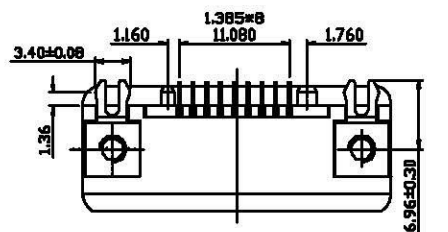
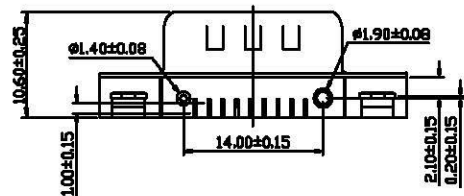
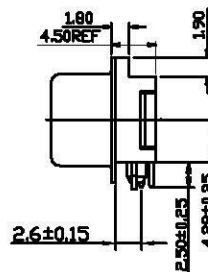
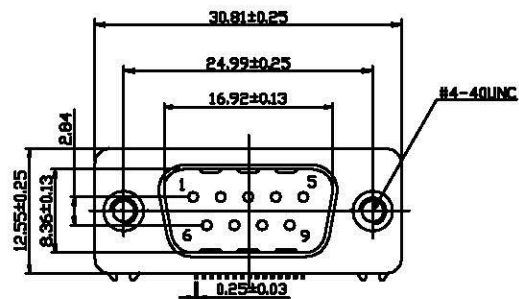
TITLE
 223 SERIES
 D-SUB RIGHT ANGLE SLIM TYPE

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

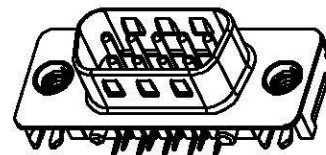
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RoHS COMPLIANT

REVISIONS				
REV	EDN 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 Megohms 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.

DO NOT SCALE DRAWING

DIMENSIONS:
 MM (INCH) INCH [mm] MM ONLY

UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:
 DECIMALS ANGLES
 .X ±0.38 [0.015] X° ±3°
 .X ±0.25 [0.010] X° ±10°
 .XX ±0.13 [0.005]

MATERIAL
 FINISH

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE
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 JUSTIN KING 10-30-06

CHECKED BY AND DATE
 JUSTIN KING 10-30-06
 APPROVED BY AND DATE
 KING CHIU 10-30-06
 THIRD ANGLE PROJECTION

SCALE: 2:1 SIZE: A3

All Connectors TD.

www.allconnectors.de info@allconnectors.de
 +49 (0)49 411 400-400 k.zc@allconnectors.de
 70794 Filzow (Bad) Germany Kref. Nr. 12. 25

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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REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE

RoHS COMPLIANT

Ordering Information

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

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: 1.5u" selective gold on contact
- 2: 1.0u" selective gold on contact
- 3: 1.5u" selective gold on contact
- 4: 3.0u" selective gold on contact
- 5: 5.0u" selective gold on contact
- 6: Gold flash full gold
- 7: Gold flash selective gold add plating
- 8: Full tin
- 9: 3.0u" 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: Ø3.05mm 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		
	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 10-20-06	TITLE 223 SERIES D-SUB RIGHT ANGLE SLIM TYPE
MATERIAL	CHECKED BY AND DATE JUSTIN XING 10-20-06	APPROVED BY AND DATE KING CHIU 10-20-06	
FINISH	THIRD ANGLE PROJECTION 	DRAWING NO. 223-XXXXXXXXXXXX	REV A
SCALE: 1 : 1	SIZE: A3	FILE NO.:	SHEET 1 OF 1