

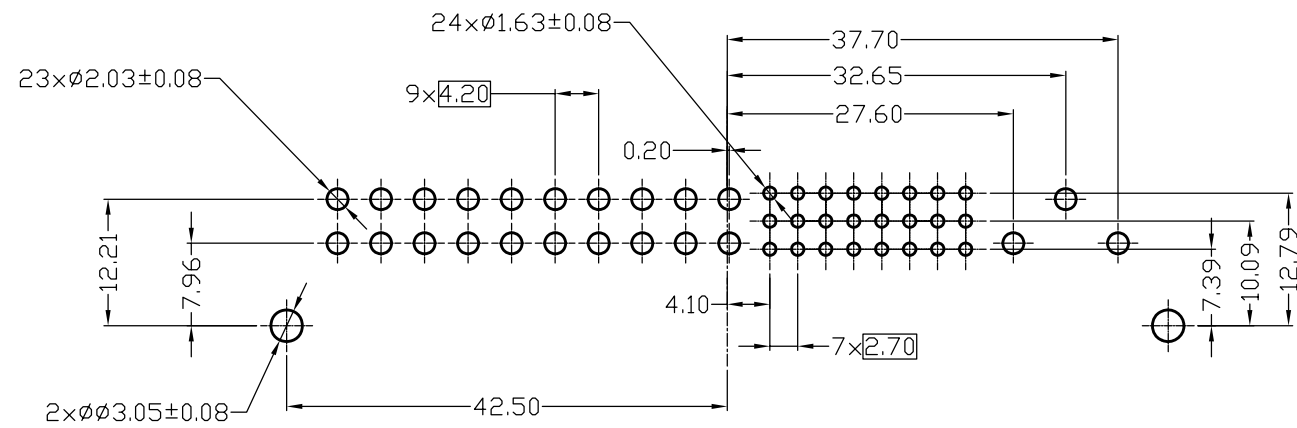
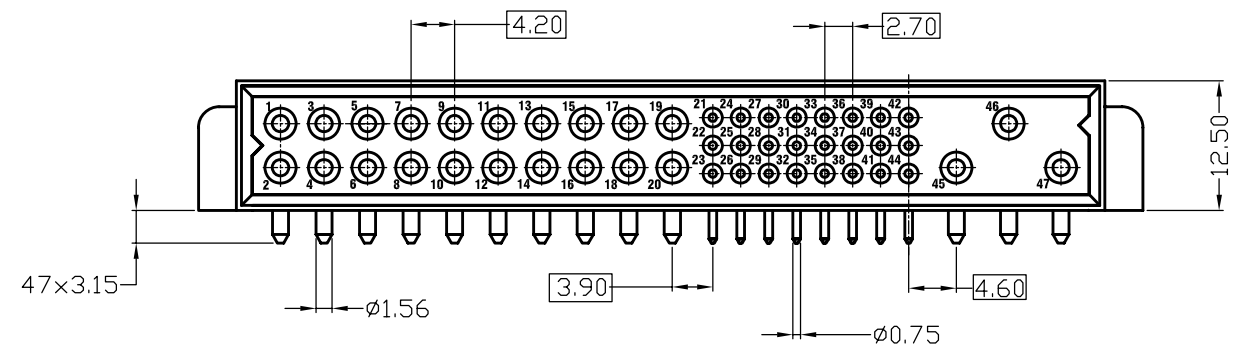
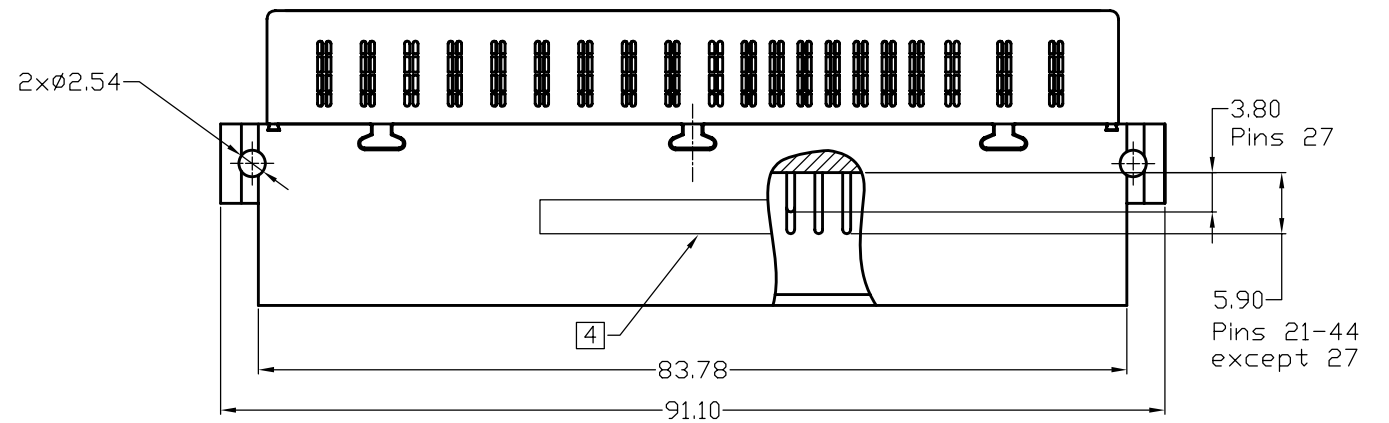
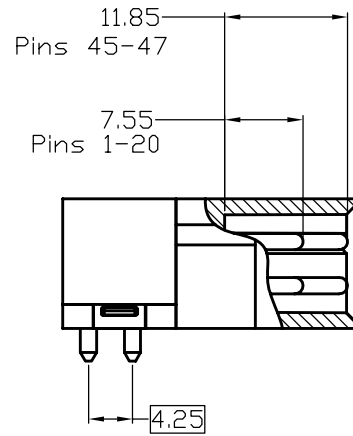
Notes:

1. Pin contacts to be inserted into insulator in direction shown prior to bending.
2. Contacts must withstand a pullout force of 2.50 Kgf min per power contact and 1.0 Kgf min per signal contact
3. Bend contacts in direction shown. Note orientation to position 1.
4. Mark Is: Part No (R-250M\*\*\*\*\*) And Date Code (Year \*\* & Week \*\*)
5. Materials and finish:
  - (1.) Insulator: High-Temperature Thermoplastic, UL94V-0  
Color: Black
  - (2.) Power and Signal Pins: Copper alloy.
6. Electrical Characteristics
  - Insulation Resistance:  $\geq 10^{10}$  ohms
  - Initial Contact Resistance:
    - Power Contact: 0.7 milliohms max
    - Signal Contact: 4.0 milliohms max
  - Voltage Proof:
    - Power 1 through 20: 1500 Vrms
    - Power 45, 46, 47: 3000 Vrms
    - Signal 21 through 44: 1000 Vrms
  - Current Rating:
    - DC Output Power 1 through 20: 16 Amps
    - Input power 45, 46, 47: 23 Amps
    - Signal contacts: 2 Amps
  - Minimum creepage distance:
    - Power 47 to Contact 45: 3.2mm
    - Power 46 to Contact 45: 3.2mm
    - Power 47 to Signal contacts: 6.4mm
    - Power 46 to Signal contacts: 6.4mm
    - Power 47 to Contact 46: 2.5mm
    - Power 45 to Signal contacts: 2.0mm
7. PC Board thickness:
  - Minimum: 1.60mm nominal
  - Maximum: 3.00mm nominal
8. RoHS Directive Compliance
9. Finish: plating gold over nickel on all area.
10. Finish: plating gold on mating area. Matte tin in tail area, All over nickel on entire contact.

P/N:

R - 2 5 0 M 4 7 1 \* 1 N

CONTACT PLATING		
Code	Plating Description	Finish
A	LEVEL 2	9
B	LEVEL 1	9
F	LEVEL 3	9
G	LEVEL 2	10
H	LEVEL 1	10



RECOMMENDED PC BOARD REQUIREMENTS  
 (COMPONENT SIDE OF BOARD SHOWN)

DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH GENERAL TOLERANCES: (UNLESS SPECIFIED)	NAME: CPCI 47P MALE ASSEMBLY	All Connectors
	PART NO: R-250M471*1N	
4 PLACE $\pm$ ** $\pm$ . **	APPD: 蘇侯安 6/10'09	DWG. NO: 010-0000-407
3 PLACE $\pm$ 0.10 $\pm$ . **	CHKD: 楊海文 6/10'09	SCALE: 1 / 1
2 PLACE $\pm$ 0.15 $\pm$ . **	DRAWN: 廖小瓊 6/10'09	SHEET: 1 / 1
1 PLACE $\pm$ ** $\pm$ . **		REV.: B
ANGULAR: X° $\pm$ 1° .X° $\pm$ **		

REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD
B	***	UPDATED NOTE	6/10'09	LIA	ALAN