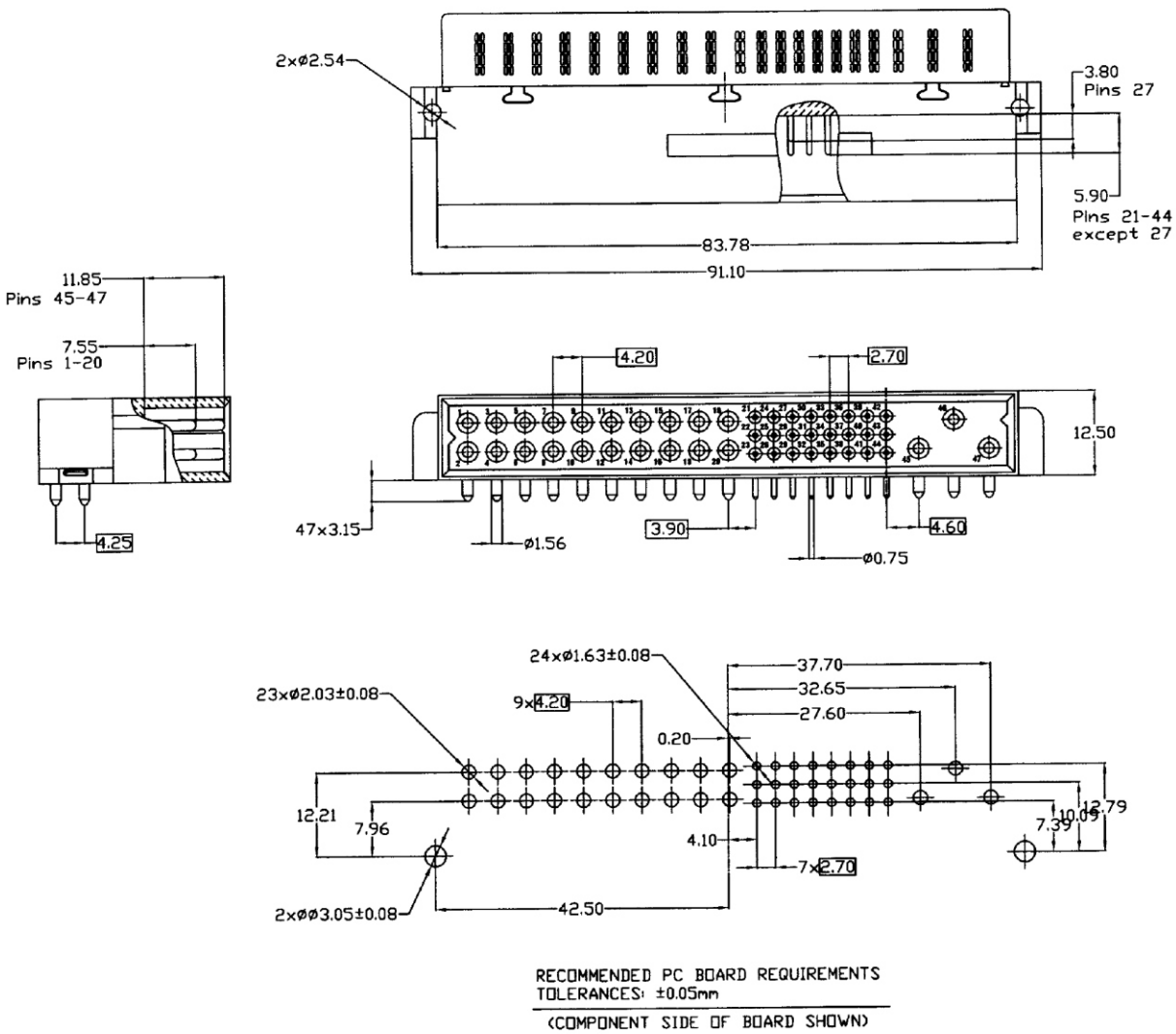

RECOMMENDED PC BOARD REQUIREMENTS
TOLERANCES: ±0.05mm

(COMPONENT SIDE OF BOARD SHOWN)

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. Materials and finish:
   (1.) Insulator: High-Temperature Thermoplastic, UL94V-0
   Color: Black
   (2.) Power and Signal Pins: Copper alloy.
5. Electrical Characterisitcs
   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
6. PC Board thickness:
   Minimum: 1.60mm nominal
   Maximum: 3.00mm nominal
7. RoHS Directive Compliance
8. Finish: plating gold on contact area. Matte tin in tail area. All over nickel on entire contact.
9. Finish: plating gold on contact area. Gold in tail area. All over nickel on entire contact.

CPCI-PR-47W23-LF

LEADFREE

RoHS Compliant

MORETHANALL CONNECTORS ASSEMBLIES	PART NO. CPCI-PR-47W23						
煜倫股份有限公司	DWG NO. CPCI-PR-47W23	CHECKED BY CY	TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG	DESCRIP TION:			
	FILE NO.	DRAWING BY					
	UNIT / mm	SCALE 1:1	PROJECTION	AREA	REVISIONS	HK	DATE