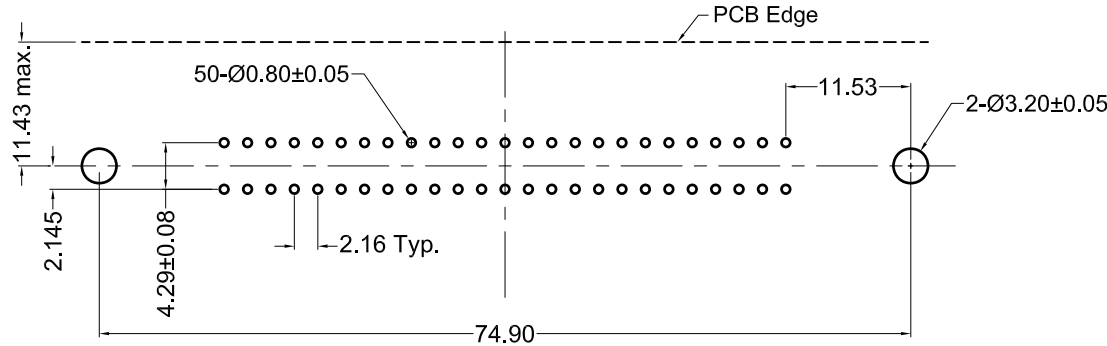
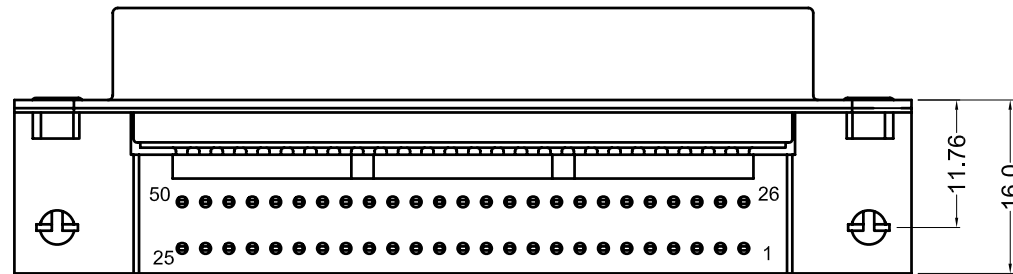
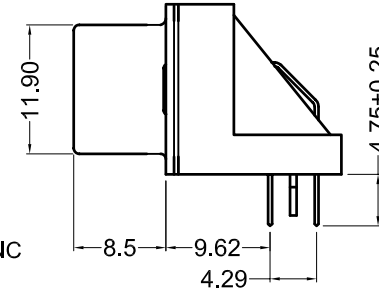
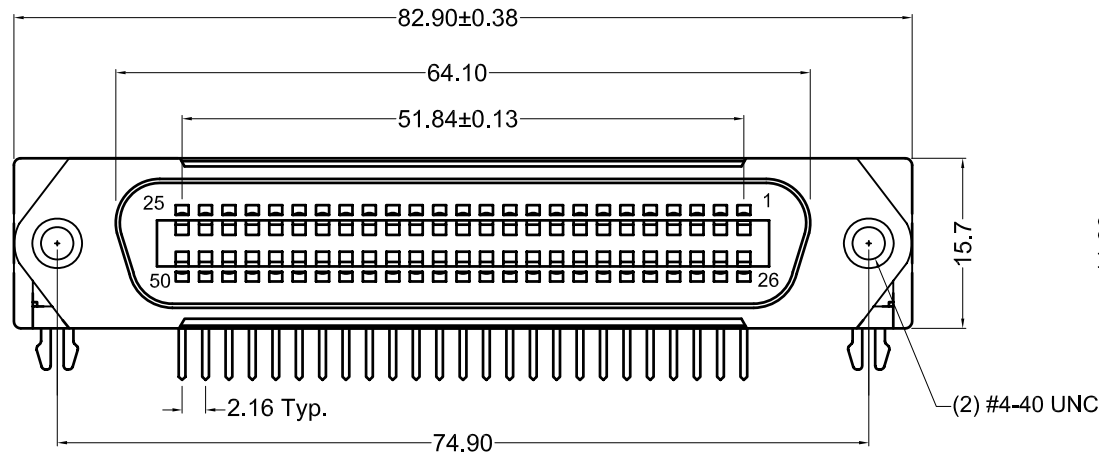




Recommended PCB Layout

## Materials and Finish

Shell: Steel, nickel finish

Insert:

PBT Thermoplastic, Blue,  
30% Glass Filled,  
Self-Extinguishing,  
UL94V-0 rated

Contact Material:

Phosphor Bronze

Contact Finish:

Gold Flash over 0.0001  
(0.00254) Nickel

## Mechanical Characteristics

Insertion and Withdrawal Force:

Insertion Force: 4.6kg

Withdrawal Force: 4.3kg

Durability:

Subjected to 500 Cycles of Insertions  
and Withdrawals, After Test, Connectors  
Meet the Max. Contact Resistance  
Specifications

## Electrical Characteristics

Contact Current Rating: 1A

Dielectric Withstanding Voltage:

1000 V for one Min.

Insulation Resistance:

1000 Megohms Min. at 500V DC

Operating Temperature:

-55°C to +105°C

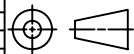
**RoHS COMPLIANT**  
EU Directive 2002/95/EC



### Tolerances

X.X ± 0.25  
X.XX ± 0.15  
Unless Stated  
Otherwise

| REV. | DATE     | DESCRIPTION  | REV. BY    | CHK. BY | DRAWN BY   | DATE     |
|------|----------|--------------|------------|---------|------------|----------|
| A1   | 02/21/06 | New Drawing  | R. Aguirre | H. MA   | R. Aguirre | 02/21/06 |
| A2   | 03/13/08 | ECO # 07-050 | S. Vien    | H. Ma   |            |          |
|      |          |              |            |         |            |          |
|      |          |              |            |         |            |          |
|      |          |              |            |         |            |          |
|      |          |              |            |         |            |          |
|      |          |              |            |         |            |          |



mm

**37X-92500-24-XK**

Rt. Angle PCB Mount Mini. Ribbon Connector, RoHS Compliant

50 Pin Receptacle, 4-40 Threaded Rivets



# AMEYA360

Components Supply Platform

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