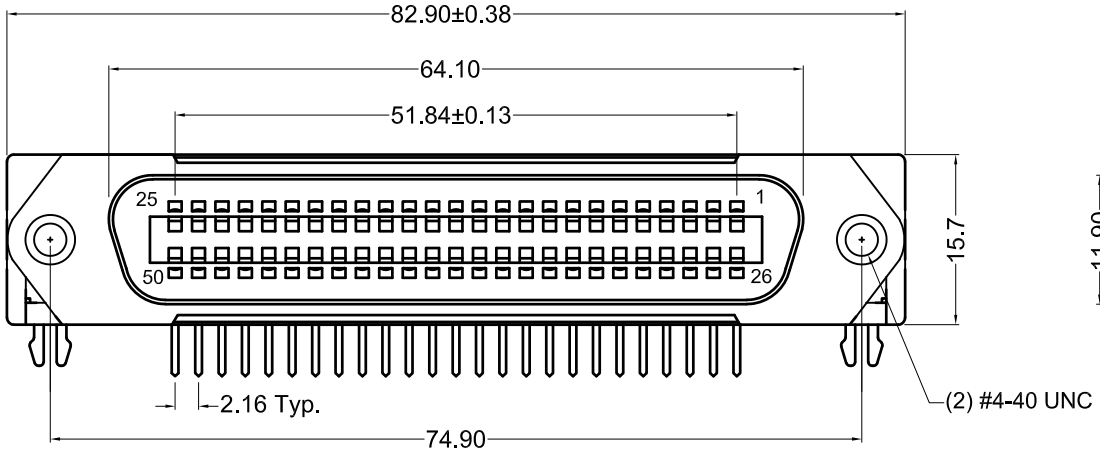
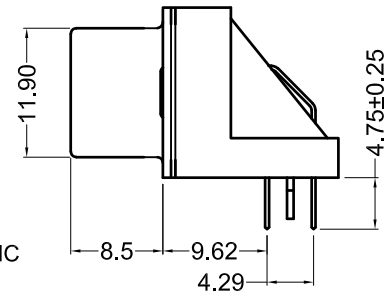
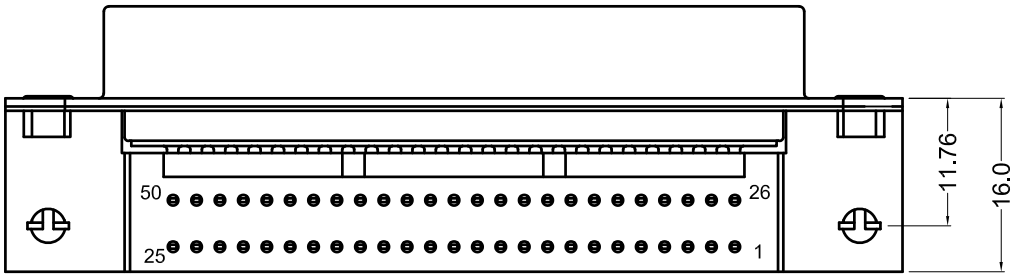
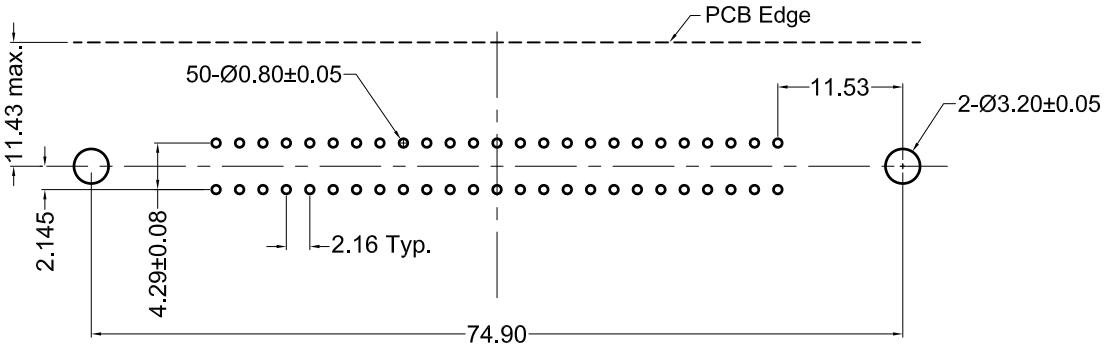
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









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 Charateristics

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 Charateristics

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

C US
LR78160

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		
A3	08/13/18	Address Update	G. Serrato	D. Shehan	UNITS	
					mm	

37X-92500-24-XK

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

50 Pin Receptacle, 4-40 Threaded Rivets

KYCON