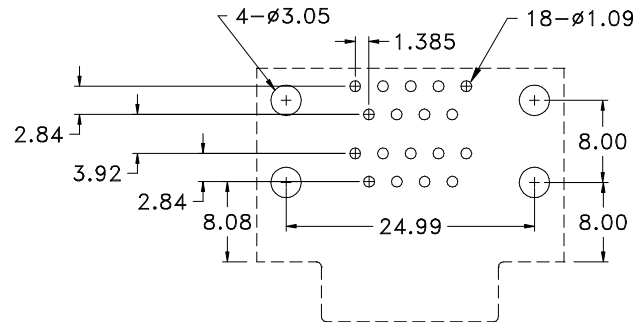
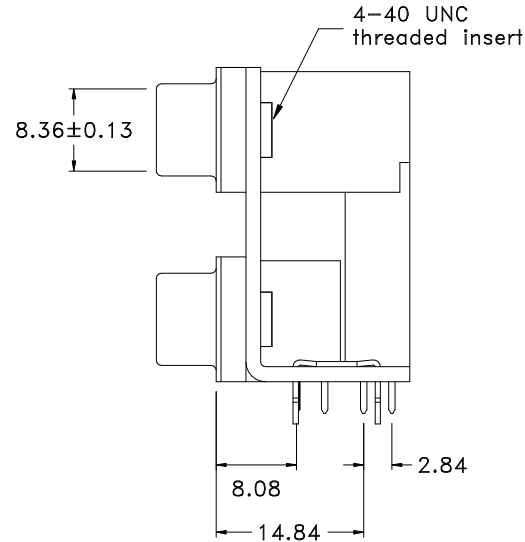
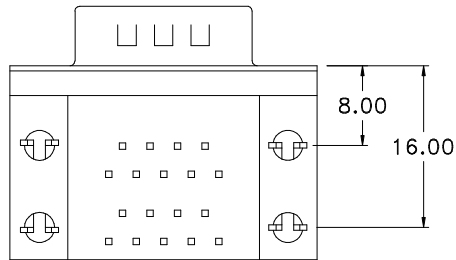
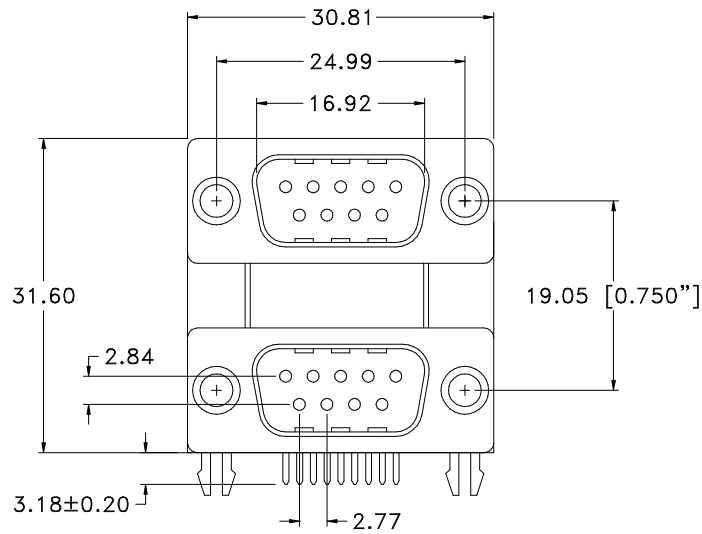


# KYCON K42-E9P/P-A4N



Recommended PC Board Layout  
(Top Front View)

## Material And Finish

Shell- Steel zinc plated or tin plated  
 Insulator- PBT, 30% glass-fiber reinforced  
 UL 94V-0 rated  
 color: black

Bracket- Brass strip-H tin plated  
 Screw- Brass, nickel plated

Contact Material-  
 Sockets- Phosphor Bronze  
 Pins- Brass

Plating- 0.0001" [0.0025] Nickel on entire contact area with gold flash for a length of 0.196" [5.0] min. on sockets, 0.118" [3.0] min on pins, Tin-Lead Plating on Termination end

## Specifications

Rated Current  
 5A  
 Rated Voltage  
 300V DC  
 Withstanding Voltage  
 500V (rms) AC for 1 min  
 Insulation Resistance  
 more than 1000 Mohm at 500V DC  
 Contact Resistance  
 13 mohm Max  
 Dielectric Strength  
 1000V for 1 min  
 Temperature Rating  
 -40°C to +105°C  
 Durability  
 500 Insertion Cycles Min.

## Functional Specifications


Mounting Face will be 90°±1° to PCB

Min. Retention force on PCB prior to soldering: 1.3 kg\*

\*On first insertion into PCB

All pins and boardlocks will protrude from the bottom of a 0.062" PCB 0.040" [1.02mm] min.

CSA Certified File No. LR78160  
 UL Recognized File No. E140125

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS	K42-E9P/P-A4N	9 Male / 9 Male D-Sub, 0.750" Spacing w/ 4 Gnd. Brackets	
A	9/6/96	New Drawing	C. Leiva		mm			
A1	3/8/00	ref. ECO #99-192	CHECKED BY	APPROVED BY	DATE			
					9/5/96			