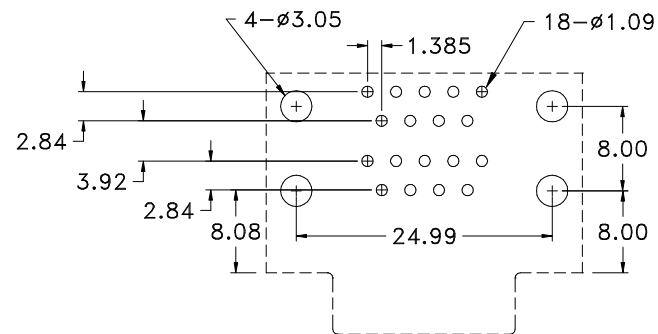
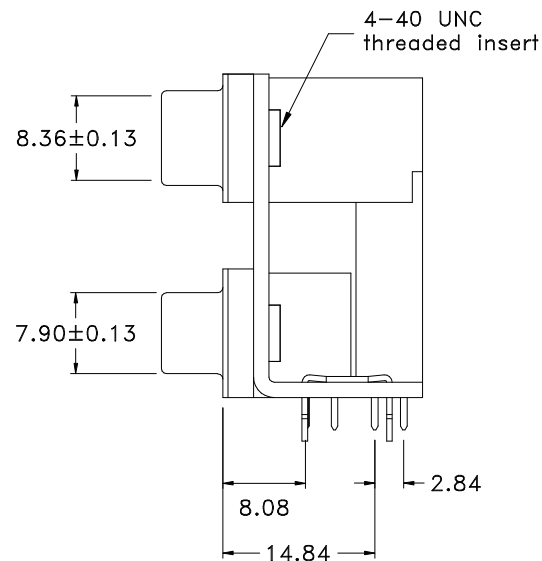
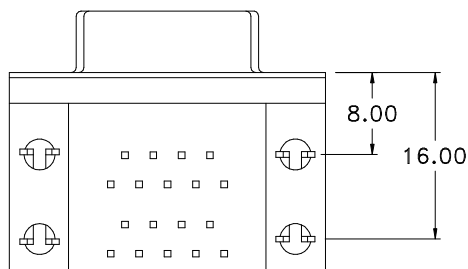
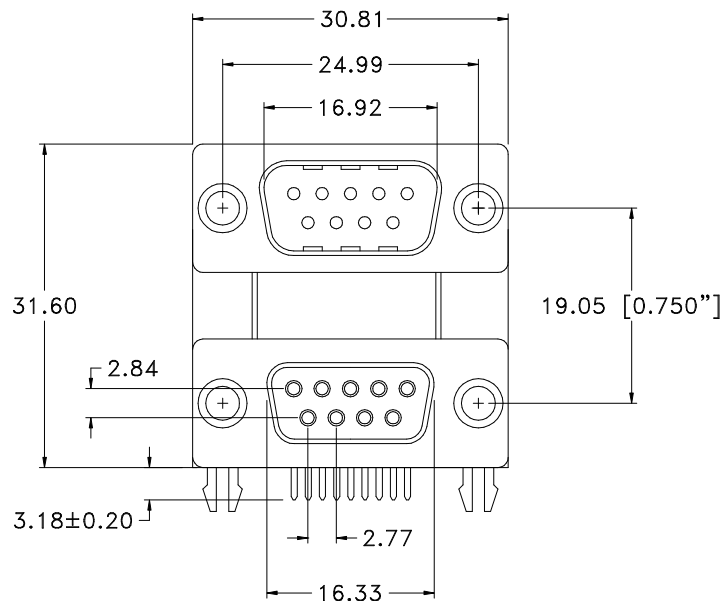


KYCON K42-E9P/S-A4N

Recommended PC Board Layout
(Top Front View)**Material And Finish**Shell- Steel zinc plated or
tin platedInsulator- 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
pins, 0.118" [3.0] min on
sockets, 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/S-A4N	9 Male / 9 Fem D-Sub, 0.750" Spacing w/ 4 Gnd. Brackets	
A	9/6/96	New Drawing	C. Leiva		mm			
A2	5/11/99	Edit Border	CHECKED BY	APPROVED BY	DATE			
A3	3/8/00	ref. ECO #99-192			9/5/96			

Mouser Electronics

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