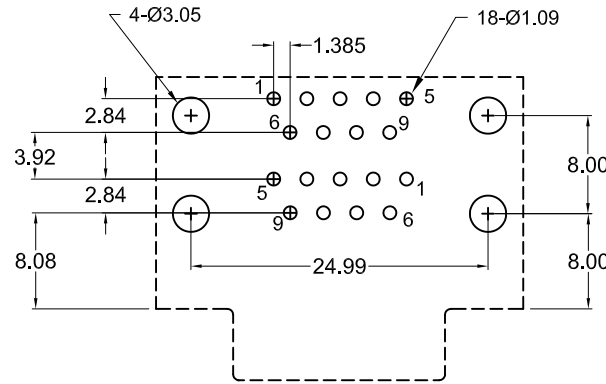
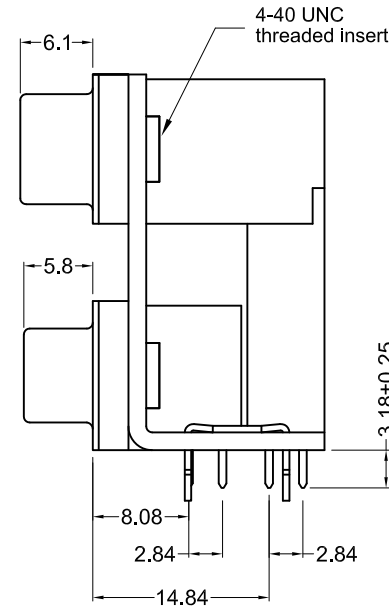
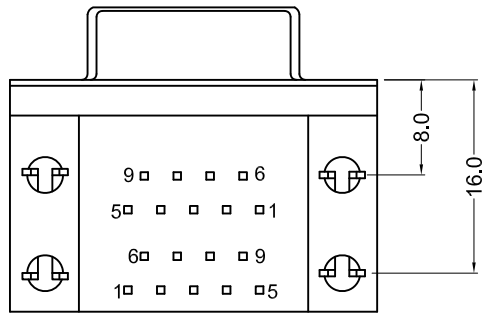
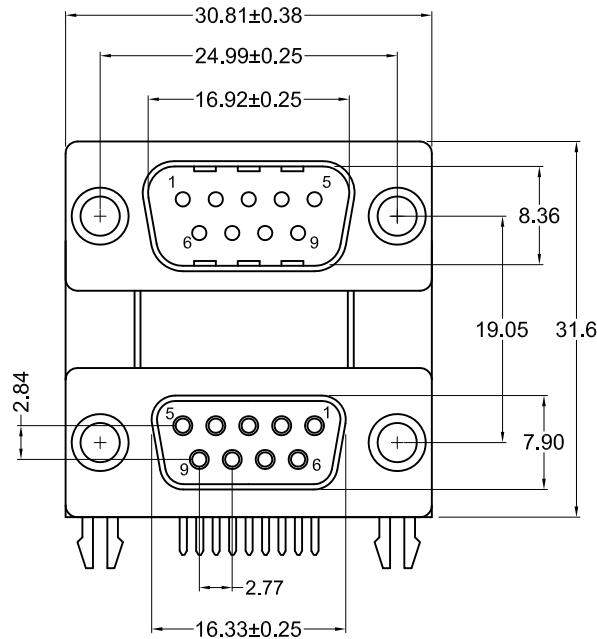




Recommended PC Board Layout
(Top Front View)

Material and Finish

- Shell: Steel, nickel plated
- Insulator: PBT thermoplastic
with glass-fiber reinforcement,
UL94V-0 rated
Color: Black
- Contact Material:
Plug - Brass
Socket - Phosphor Bronze
- Contact Plating Options:
Standard: gold flash on
mating end, tin on
termination end, nickel
underplate on entire contact
- 15 Option: 15u" gold on
mating end, tin on
termination end, nickel
underplate on entire contact
- 30 Option: 30u" gold on
mating end, tin on
termination end, nickel
underplate on entire contact

Electrical Specifications

- Rated Current: 1.2A
- Rated Voltage: 30V RMS
- Insulation Resistance:
more than 1000 megohms at
500V DC
- Contact Resistance:
13 milliohms max.
- Dielectric Withstanding Voltage:
1000V for 1 minute
- Operating Temperature:
-55°C to +105°C

Part Number	Contact Area Plating Finish
K42X-E9P/S-A4N	Gold Flash (standard option)
K42X-E9P/S-A4N15	15u" Gold (15 option)
K42X-E9P/S-A4N30	30u" Gold (30 option)

RoHS COMPLIANT



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/26/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/05/06
A2	6/20/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO #07-049	S. Vien	H. Ma		
A4	12/31/17	ECO #17-037	J. Elbanna	C. Furumasu		
A5	03/27/19	ECO #19-020	H. MA	D. Shehan		

K42X-E9P/S-A4N

9 Male / 9 Fem D-Sub, 0.750" Spacing
w/ 4 Gnd. Brackets, RoHS Compliant

