



Recommended PC Board Layout  
(Top Front View)

**Material and Finish**

Shell: Steel, nickel plated

Insulator:

PBT Thermoplastic  
UL 94V-0 rated  
color: black

Contact Material-  
Plug- Brass

Contact Plating Options:

Standard: gold flash on contact area, tin on soldertails with entire contact nickel underplated

15 Option: 15u" gold on contact area, tin on soldertails with entire contact nickel underplated

30 Option: 30u" gold on contact area, tin on soldertails with entire contact nickel underplated

**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/P-A4N	Gold Flash (standard)
K42X-E9P/P-A4N15	15u" Gold (15 option)
K42X-E9P/P-A4N30	30u" Gold (30 option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	11/9/05	New Drawing	H. MA	C.Furumasu	H. MA	11/9/05
A2	6/14/07	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	03/26/19	ECO #19-020	H. MA	D. Shehan		

**K42X-E9P/P-A4N**

9 Male / 9 Male D-Sub, 0.750" Spacing

w/ 4 Gnd. Brackets, RoHS Compliant

