



Recommended PCB Layout
(Top View)

Part Number	Contact Area Plating Finish
K42X-E9P/E15S-A4NJ	Gold Flash (standard)
K42X-E9PE15SA4NJ15	15u" Gold (15 option)
K42X-E9PE15SA4NJ30	30u" Gold (30 option)

Material and Finish

Shell- Steel, nickel plated

Insulator-

PBT Thermoplastic
UL 94V-0 rated
color: black

Contact Material-

Plug- Brass

Socket- Phosphor Bronze

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

Dielectric Withstanding Voltage: 1000V AC (rms) min.

Insulation Resistance: more than 1000 Megohm at 500V DC

Contact Resistance: 13 milliohm max.

Operating Temperature: -55°C to +105°C



Tolerances

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	12/15/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	12/14/06
A2	05/23/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO #07-049	S. Vien	H. MA		
A4	07/14/10	ECO #10-051	S. Vien	H. MA	UNITS	mm
A5	12/31/17	ECO #17-037	J. Elbanna	C. Furumasu		
A6	03/25/19	ECO #19-020	H. MA	D. Shehan		

K42X-E9P/E15S-A4NJ

9 Male / 15HD Female D-Sub, 0.750" Spacing

4 Gnd. Brackets w/ Jackscrews installed, RoHS Compliant

