



Recommended PC Board Layout
(Top Front View)

Material and Finish

Shell: Steel, nickel plated

Insulator:
PBT with glass-fiber reinforcement, UL94V-0 rated, black color

Contact Material:
Socket- Phosphor bronze

Contact Plating Options:

Standard:
gold flash on mating end, tin on termination end, with entire contact nickel underplated

15 Option:
15u" gold on mating end, tin on termination end, with entire contact nickel underplated

30 Option:
30u" gold on mating end, tin on termination end, with entire contact nickel underplated

Specifications

Rated Current: 2A
Rated Voltage: 30V RMS

Withstanding Voltage:
500v(r.m.s.) AC for 1 min

Insulation Resistance:
More than 1000Mohm at 500v DC

Contact Resistance: 13mohm Max.

Dielectric Strength: 1000v for 1 min

Temperature:
-55C° to +105C°

Ordering Information

Part Number	Contact Area Plating Finish
K42X-E9S/S-A4NJ	Gold Flash (standard)
K42X-E9S/S-A4NJ15	15u" Gold (15 option)
K42X-E9S/S-A4NJ30	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	10/28/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/28/05
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		
						UNITS
						mm

K42X-E9S/S-A4NJ

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

