



Recommended PC Board Layout
(Top Front View)

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)

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE	UNITS
A1	11/9/05	New Drawing	H. MA	C. Furumasu	H. MA	11/9/05	mm
A2	6/14/07	ECO #07-018	A. Frederick	H. MA			
A3	03/14/08	ECO #07-049	S. Vien	H. Ma			

K42X-E9P/P-A4N

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

Material and Finish

Shell: Steel, tin 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: 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

Durability Rating: 500 mating cycles min.

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

RoHS COMPLIANT
EU Directive 2002/95/EC



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