



Recommended PC Board Layout  
(Top Front View)

Ordering Information	
Part Number	Contact Area Plating Finish
K42X-E9S/S-A4NR	Gold Flash (standard option)
K42X-E9S/S-A4NR15	15u" Gold (15 option)
K42X-E9S/S-A4NR30	30u" Gold (30 option)

**Material and Finish**

Shell: Steel, tin plated  
 Insulator- PBT, 30% glass-fiber reinforced, UL94V-0 rated color black  
 Contact Material- Sockets- Phosphor Bronze  
 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 (rms) AC for 1 min  
 Insulation Resistance more than 1000 Mohm at 500V DC  
 Contact Resistance 13 mohm Max  
 Dielectric Strength 1000V for 1 min  
 Temperature Rating -55°C to +105°C  
 Durability 500 Insertion Cycles Min.



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	03/27/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	03/27/06
A2	6/14/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO #07-049	S. Vien	H. Ma		

**K42X-E9S/S-A4NR**

9 Fem / 9 Fem D-Sub, 0.750" Spacing, RoHS Compliant  
 w/ 4 Gnd. Brackets, #4-40 Round jackscrews

