



Recommended PC Board Layout (Top Front View)

Part Number	Contact Area Plating Finish
K42X-E9S/S-A4N	Gold Flash (standard)
K42X-E9S/S-A4N15	15u" Gold (15 option)
K42X-E9S/S-A4N30	30u" Gold (30 option)

Material and Finish

Shell: Steel, tin plated
 Insulator- PBT, 30% glass-fiber reinforced
 UL 94V-0 rated
 color: black
 Contact Material-
 Sockets- Phosphor Bronze
 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

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 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	07/07/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/07/05
A2	6/14/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO #07-049	S. Vlen	H. Ma		

K42X-E9S/S-A4N

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

