



Recommended P.C. Board Layout (Top View)

Part Number	Contact Area Plating Finish
K31X-E9P-NJ	Gold Flash (standard)
K31X-E9P-NJ15	15u" Gold (15 option)
K31X-E9P-NJ30	30u" Gold (30 option)



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

Material and Finish

- Shell: Steel, tin plated
- Insert: PBT Thermoplastic, Black Color, 30% Glass Filled, UL 94V-0 Rated
- Contact Material: Plug-Brass
- Contact Plating: Standard: Gold flash over Nickel on contacts, Tin over Nickel on soldertails
- 15 Option: 15u" Gold over Nickel on contacts, Tin over Nickel on soldertails
- 30 Option: 30u" Gold over Nickel on contacts, Tin over Nickel on soldertails

Electrical Specifications

- Rated Current: 2A
- Rated Voltage: 30V RMS
- Withstanding Voltage: 500V (rms) AC for 1 minute
- Insulation Resistance: more than 1000 Megohm at 500v DC
- Contact Resistance: 13 milliohm Max.
- Dielectric Strength: 1000V for 1 minute
- Operating Temperature: -55°C to +105°C

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	03/24/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	03/23/06
A2	3/6/08	ECO #07-051	S. Vien	H. MA		

K31X-E9P-NJ

9 pin D-Sub, plug, Ultra Compact Footprint
with jackscrews installed, RoHS Compliant

