



Recommended P.C. Board Layout
(Top View)

Material And Finish

Shell: Steel Material, Tin Plated or Zinc Plated

Insert: PBT Thermoplastic, Black Color, 30% Glass Filled, UL 94V-0 Rated

Contact Material:
Socket- Phosphor Bronze

- Contact Plating Options:
- Standard:
Gold flash over Nickel on contact area. Tin over Nickel on soldertails
 - 15 Option:
15u" Gold over Nickel on contact area. Tin over Nickel on soldertails
 - 30 Option:
30u" Gold over Nickel on contact area. Tin over Nickel on soldertails

Electrical Specifications

Contact Current Rating:
5A

Dielectric Withstanding Voltage:

500V (rms) AC for 1 minute

Insulation Resistance:

more than 1000 Megohm at 500V DC

Contact Resistance:

13 milliohm Max.

Operating Temperature

-55°C to +105°C

Durability:

500 mating cycles Min.



Part Number	Contact Area Plating Finish
K31X-A15S-N	Gold Flash (standard)
K31X-A15S-N15	15u" Gold (15 option)
K31X-A15S-N30	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	10/05/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/05/05

K31X-A15S-N

15 pin female D-Sub, RoHS Compliant

Ultra Compact Footprint

