



Recommended PCB Layout
(Top View)

Material and Finish

Insulator: PBT Thermoplastic,
UL-94V-0 Rated,
Color: Black

Shell: Steel, Tin Plated

Contact Material:

Socket - Phosphor Bronze

Contact Plating Options:

Standard: Gold Flash on
Mating End, Tin on
Termination End, Nickel
Underplate on Entire Contact

15 Option: 15u" Gold on
Mating End, Tin on
Termination End, Nickel
Underplate on Entire Contact

30 Option: 30u" Gold on
Mating End, Tin on
Termination End, Nickel
Underplate on Entire Contact

Electrical Specifications

Rated Current: 2A

Rated Voltage: 30V RMS

Insulation Resistance:
1000 Megohm Min. at 500V DC

Contact Resistance:
13 milliohms Max.

Dielectric Withstanding Voltage:
1000V for 1 Minute

Mechanical Specifications

Operating Temperature
-55°C to +105°C

Part Number	Contact Area Plating Finish
K61X-E15S-N	Gold Flash (standard)
K61X-E15S-N15	15u" Gold (15 option)
K61X-E15S-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	09/14/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	09/14/05
A2	03/21/08	ECO #07-051	S. Vien	H. MA		
A3	10/02/14	ECO #14-044	D. Gih	H. MA		
					UNITS	
					mm	

K61X-E15S-N

15 pin High Density female D-Sub

Compact Footprint, RoHS Compliant

