



Recommended PCB Layout  
(Top View)

### Material and Finish

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

Shell: Steel, Nickel 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		
A4	12/31/17	ECO #17-043	G. Serrato	C. Furumasa		
						UNITS
						mm

**K61X-E15S-N**

15 pin High Density female D-Sub

Compact Footprint, RoHS Compliant

