

**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

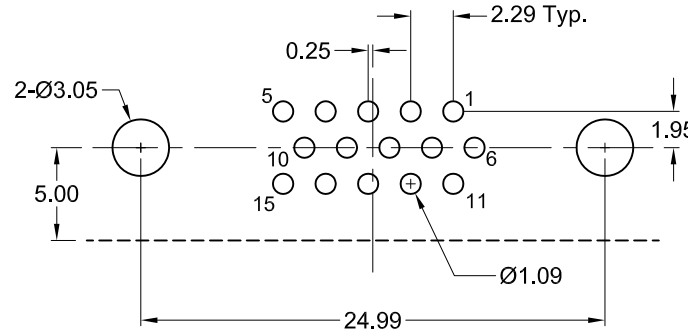
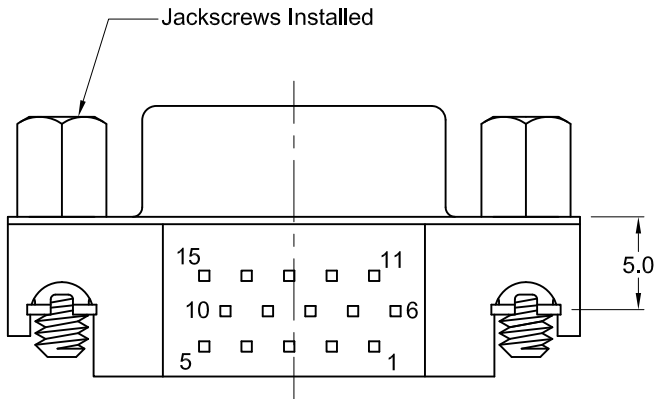
Insulation Resistance:  
1000 Megohm Min. at 500V DC

Contact Resistance:  
13 milliohms Max.

Dielectric Withstanding Voltage:  
1000V for 1 Minute

**Mechanical Specifications**

Operating Temperature  
-55°C to +105°C



Recommended PCB Layout  
(Top View)

Part Number	Contact Area Plating Finish
K61X-E15S-NJ	Gold Flash (standard)
K61X-E15S-NJ15	15u" Gold (15 option)
K61X-E15S-NJ30	30u" Gold (30 option)

**RoHS COMPLIANT**



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	08/24/05	New Drawing	R. Aguirre	N.Chang	R. Aguirre	08/24/05
A2	03/21/08	ECO #07-051	S. Vien	H. MA		
A3	10/12/10	Release Drawing	H. MA	N/A		
A4	10/02/14	ECO #14-044	D. Gih	H. MA		
						UNITS
						mm

**K61X-E15S-NJ**

15 pin High Density female D-Sub

Compact Footprint, RoHS Compliant

