

Material and Finish

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

Shell: Steel, Nickel Plated

Contact Material:

Socket - Phosphor Bronze

Contact Plating Options:

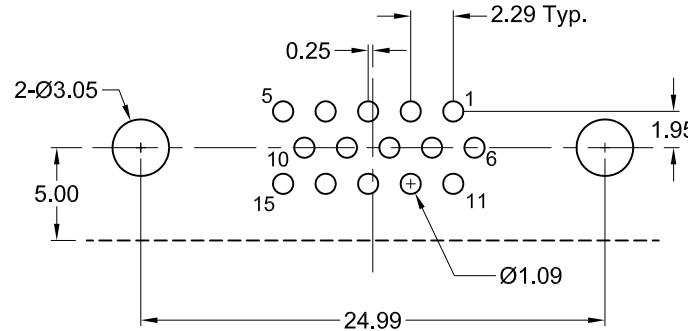
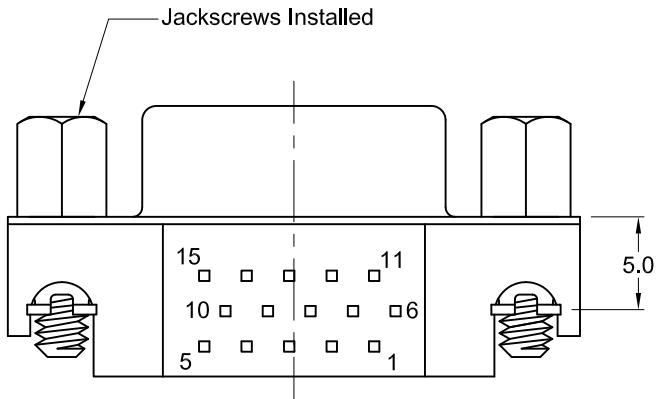
- Standard: Gold Flash on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact
- 15 Option: 15u" Gold on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact
- 30 Option: 30u" Gold on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact

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



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) |



| 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 | | UNITS |
| A4 | 10/02/14 | ECO #14-044 | D. Gih | H. MA | | |
| A5 | 12/31/17 | ECO #17-043 | G. Serrato | C. Furumasu | | |
| | | | | | | mm |

K61X-E15S-NJ

15 pin High Density female D-Sub

Compact Footprint, RoHS Compliant

