



Recommended PCB Layout  
(Top View)

**Material and Finish**

Insulator: PBT Thermoplastic with Glass-fiber Reinforcement, UL 94V-0 Rated, Color: Black

Shell: Steel, Nickel Plated

Contact Material:  
Plug - Brass

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 Megohms 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 |
|----------------|-----------------------------|
| K22X-C37P-NJ   | Gold Flash (Standard)       |
| K22X-C37P-NJ15 | 15u" Gold (15 Option)       |
| K22X-C37P-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   | 12/16/05 | New Drawing | R. Aguirre | H. MA       | R. Aguirre | 09/28/05 |
| A2   | 02/21/08 | ECO #07-049 | S. Vien    | H. MA       |            |          |
| A3   | 08/13/13 | ECO #12-018 | S. Vien    | P. DalCanto |            |          |
| A4   | 12/31/17 | ECO #17-027 | G. Serrato | C. Furumasu |            |          |

**K22X-C37P-NJ**

Right Angle D-Sub, Male, 0.318" Footprint

Jackscrews Installed, RoHS Compliant

