



Recommended PCB Layout  
(Top View)

**Material and Finish**

Shell: Steel, nickel plated  
 Insulator: PBT thermoplastic with glass-fiber reinforcement, UL94V-0 rated  
 Color: Black  
 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: 1.5A  
 Rated Voltage: 30Vac  
 Insulation Resistance: more than 1000 megohms at 500V DC  
 Contact Resistance: 13 milliohms max.  
 Dielectric Withstanding Voltage: 1000V for 1 minute  
 Operating Temperature: -55°C to +105°C

| Part Number      | Contact Area Plating Finish |
|------------------|-----------------------------|
| K86X-CD-62P-KJ   | Gold Flash (standard)       |
| K86X-CD-62P-KJ15 | 15u" Gold (15 option)       |
| K86X-CD-62P-KJ30 | 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   | 03/30/09 | New Drawing | S. Vien    | H. MA       | S. Vien  | 02/18/09 |
| A2   | 9/22/14  | ECO#14-028  | H. MA      | P. DalCanto |          |          |
| A3   | 12/31/17 | ECO #17-033 | J. Elbanna | C. Furumasu |          |          |
|      |          |             |            |             | UNITS    |          |
|      |          |             |            |             | mm       |          |

**K86X-CD-62P-KJ**

D-Sub, HD, Vertical, RoHS Compliant  
 62 Pin Male, JS, Threaded Bushings

