



Recommended PCB Layout
(Bottom View)

| Part Number | Contact Area Plating Finish |
|---------------|-----------------------------|
| K66X-B44P-N | Gold Flash (standard) |
| K66X-B44P-N15 | 15u" Gold (15 option) |
| K66X-B44P-N30 | 30u" Gold (30 option) |

Material and Finish

Shell: Steel, tin 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: 29Vac
 Insulation Resistance: more than 1000 megohms at 500V DC
 Contact Resistance: 13 milliohms max.
 Dielectric Strength: 1000V for 1 minute
 Durability Rating: 500 mating cycles min.
 Operating Temperature: -55°C to +75°C

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



| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|-------------|------------|----------|
| A1 | 1/17/06 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 10/05/05 |
| A2 | 04/18/06 | ECO #06-010 | R. Aguirre | H. MA | | |
| A3 | 03/10/08 | ECO #07-049 | S. Vien | H. MA | | |
| A4 | 12/11/08 | ECO #08-084 | S. Vien | H. MA | | |
| A5 | 06/13/14 | ECO #14-027 | H. MA | P. DalCanto | UNITS | mm |
| A6 | 02/22/16 | ECO #15-019 | H. MA | W. Cook | | |

K66X-B44P-N

HD, D-Sub, RoHS Compliant

44 Pos., Male, Grounding BoardLocks

