



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-ED-15P-BR | Gold Flash (standard) |
| K86X-ED-15P-BR15 | 15u" Gold (-15 option) |
| K86X-ED-15P-BR30 | 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 | 7/19/05 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 06/30/05 |
| A2 | 1/17/08 | ECO# 07-052 | WILL H. | H. MA | | |
| A3 | 10/2/14 | ECO#14-028 | H. MA | P. DalCanto | | |
| A4 | 12/31/17 | ECO #17-033 | J. Elbanna | C. Furumasa | | |

K86X-ED-15P-BR

High Density Vertical Mount D-Sub, RoHS Compliant

15 pin plug, precision formed contacts, boardlocks

