

**Material and Finish**

Shell: Steel, Nickel plated

Insulator: PBT thermoplastic with glass-fiber reinforcement, UL94V-0 rated  
Color: Black

Contact Material:  
Socket - 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 +75°C

| Ordering Information |                             |
|----------------------|-----------------------------|
| Part Number          | Contact Area Plating Finish |
| K86X-BA-44S          | Gold Flash (standard)       |
| K86X-BA-44S-15       | 15u" Gold (15 option)       |
| K86X-BA-44S-30       | 30u" Gold (30 option)       |



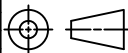
| Tolerances    |
|---------------|
| X.X ± 0.25    |
| X.XX ± 0.15   |
| Unless Stated |
| Otherwise     |

| REV. | DATE     | DESCRIPTION | REV. BY    | CHK. BY     | DRAWN BY   | DATE     |
|------|----------|-------------|------------|-------------|------------|----------|
| A1   | 3/3/06   | New Drawing | R. Aguirre | H. MA       | R. Aguirre | 01/11/06 |
| A2   | 1/16/08  | ECO# 07-052 | WILL H.    | H. MA       |            |          |
| A3   | 9/10/14  | ECO#14-028  | H. MA      | P. DalCanto |            |          |
| A4   | 12/31/17 | ECO# 17-033 | G. Serrato | C. Furumasu |            |          |

**K86X-BA-44S**

D-Sub, Vertical, High Density, RoHS Compliant

44-Pin Socket, Solder Cup



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