



### 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: 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-AA-26P    | Gold Flash (standard)       |
| K86X-AA-26P-15 | 15u" Gold (15 option)       |
| K86X-AA-26P-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   | 12/21/05 | New Drawing | R. Aguirre | H. MA       | R. Aguirre | 12/21/05 |
| A2   | 1/16/08  | ECO# 07-052 | WILL H.    | H. MA       |            |          |
| A3   | 8/25/14  | ECO# 14-028 | H. MA      | P. DalCanto |            |          |
|      |          |             |            |             | UNITS      |          |
|      |          |             |            |             | mm         |          |

# K86X-AA-26P

High Density Vertical Mount D-Sub, RoHS Compliant

26 pin plug, precision formed solder cups

