



Material and Finish

Shell: steel, nickel plated
 Insulator: PBT with glass-fiber reinforcement, UL 94V-0 rated, color-black

Contact Material:

Plug: Brass

Contact Plating:

Standard:
 Gold flash on mating end, tin on termination end, with entire contact nickel underplated

-15 Option:
 15u" gold on mating end, tin on termination end, with entire contact nickel underplated

-30 Option:
 30u" gold on mating end, tin on termination end, with entire contact nickel underplated

Electrical Specifications

Rated Current: 2A
 Rated Voltage: 30V RMS
 Withstanding Voltage:
 500V (rms) AC for 1 minute
 Insulation Resistance:
 more than 1000 Megohm at 500V DC
 Contact Resistance:
 13 milliohm max.
 Dielectric Strength:
 1000V for 1 minute
 Operating Temperature:
 -55°C to +105°C

| Part Number | Contact Area Plating Finish |
|----------------|-----------------------------|
| K85X-AA-15P | Gold Flash (standard) |
| K85X-AA-15P-15 | 15u" Gold (15 option) |
| K85X-AA-15P-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 | 3/24/06 | New Drawing | H. MA | Furumasu | H. MA | 3/24/06 |
| A2 | 1/8/08 | ECO# 07-052 | WILL H. | H. MA | | |
| A3 | 12/31/17 | ECO #17-030 | J. Elbanna | C. Furumasu | | |
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K85X-AA-15P

Vertical Soldercup Mount D-Sub,

15 Pin Male, RoHS Compliant

