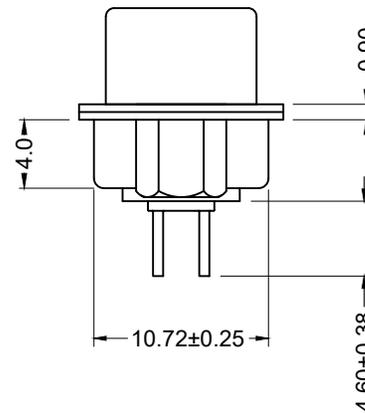
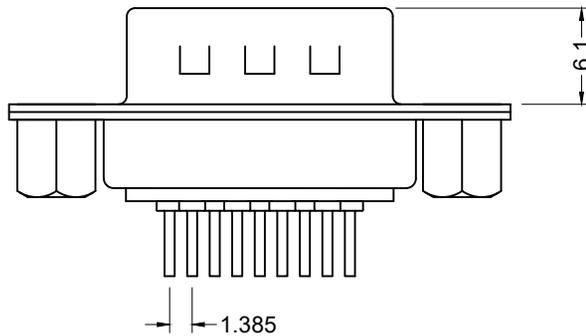
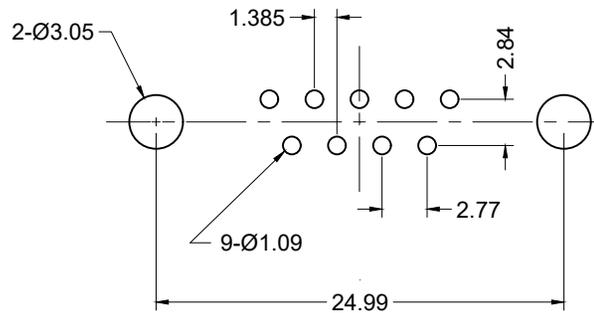


Recommended PCB Layout (Top View)



Ordering Information

| Part Number | Contact Area Plating Finish |
|----------------|-----------------------------|
| K85X-ED-9P-K | Gold Flash (standard) |
| K85X-ED-9P-K15 | 15u" Gold (15 option) |
| K85X-ED-9P-K30 | 30u" Gold (30 option) |

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

Tolerances

X.X ± 0.25
 X.XX ± 0.15
 Unless Stated Otherwise

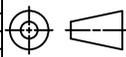


| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|-------------|------------|----------|
| A1 | 11/04/05 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 11/04/05 |
| A2 | 1/9/08 | ECO #07-052 | WILL H. | H. MA | | |
| A3 | 12/31/17 | ECO #17-030 | G. Serrato | C. Furumasu | | |
| A4 | 09/26/25 | ECO #25-061 | K.Wang | C.Kelleher | | |

K85X-ED-9P-K

Vertical PCB Mount D-Sub, RoHS Compliant

9 pin male, threaded bushing



UNITS
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