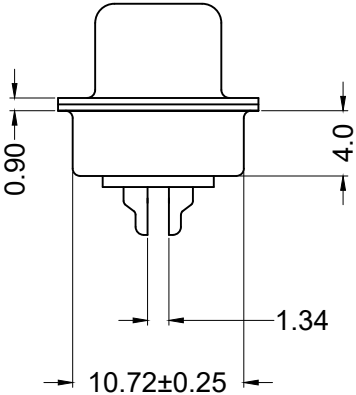
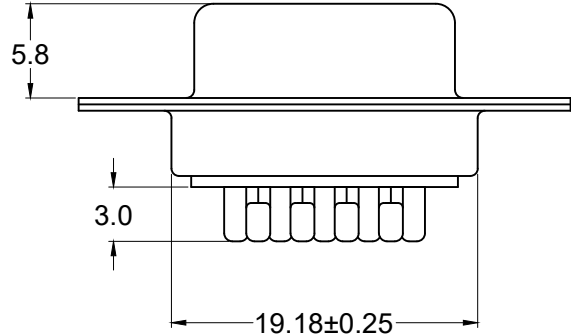
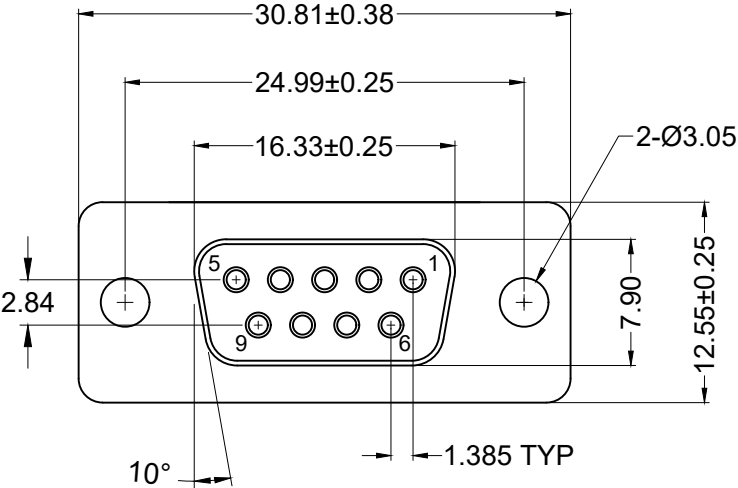




Ordering Information

| Part Number   | Contact Area Plating Finish |
|---------------|-----------------------------|
| K85X-EA-9S    | Gold Flash (standard)       |
| K85X-EA-9S-15 | 15u" Gold (15 option)       |
| K85X-EA-9S-30 | 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:  
Socket - 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<br>X.XX ± 0.15<br>Unless Stated<br>Otherwise |

| REV. | DATE     | DESCRIPTION   | REV. BY    | CHK. BY     | DRAWN BY   | DATE     |
|------|----------|---------------|------------|-------------|------------|----------|
| A1   | 02/14/06 | New Drawing   | R. Aguirre | H. MA       | R. Aguirre | 02/14/06 |
| A2   | 1/9/08   | ECO #07-052   | WILL H.    | H. MA       |            |          |
| A3   | 09/16/10 | Add Hole Dim. | S. Vien    | H. MA       |            |          |
| A4   | 12/31/17 | ECO #17-030   | G. Serrato | C. Furumasu |            |          |
| A5   | 09/24/25 | ECO #25-061   | K.Wang     | C.Kelleher  |            |          |

K85X-EA-9S

Vertical Soldercup Mount D-Sub

9 pin female, RoHS Compliant

