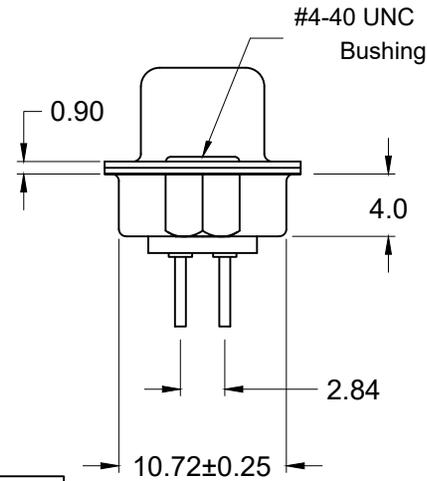
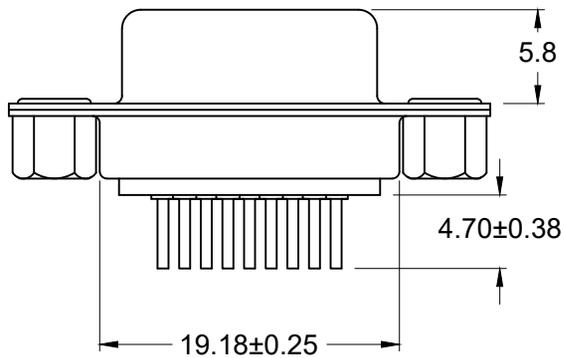
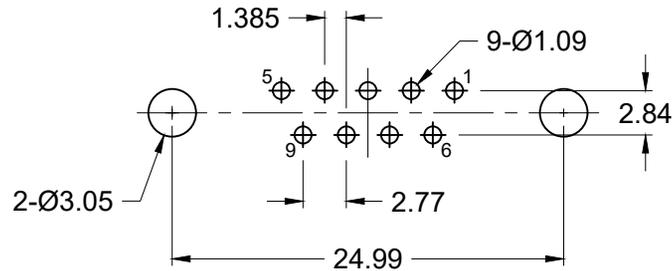


**Recommended PCB Layout**  
(top view)



**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

Ordering Information	
Part Number	Contact Area Plating Finish
K85X-ED-9S-K	Gold Flash (standard)
K85X-ED-9S-K15	15u" Gold (15 option)
K85X-ED-9S-K30	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	11/14/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	11/14/05
A2	1/09/08	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-9S-K**

Vertical PCB Mount D-Sub

9 Pin Female, RoHS Compliant

