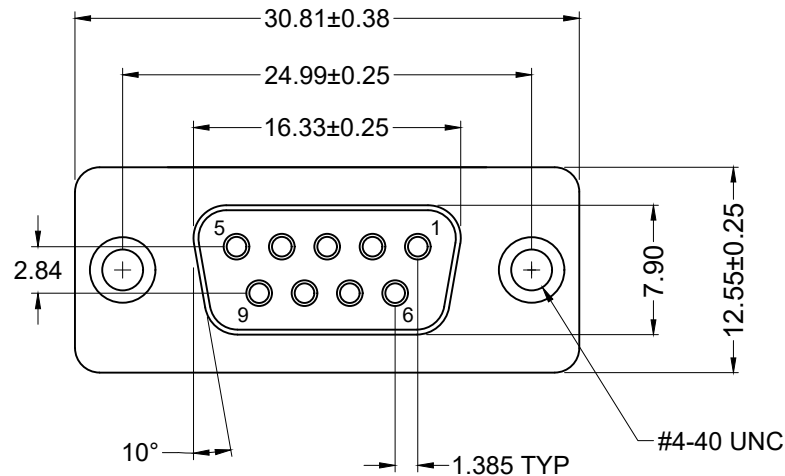
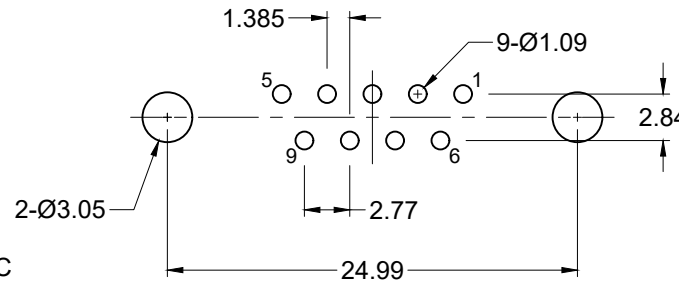




Recommended PCB Layout (top view)



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

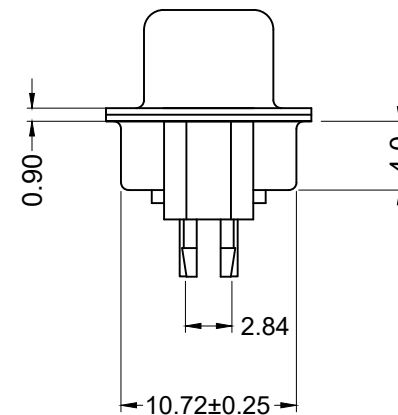
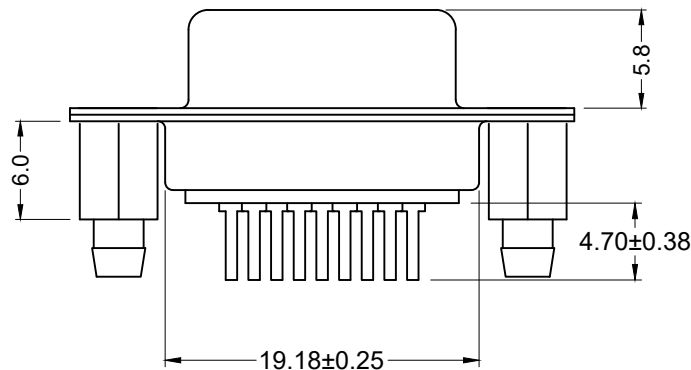
Withstanding Voltage:
 500V (rms) AC for 1 minute

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



Part Number	Contact Area Plating Finish
K85X-ED-9S-BR	Gold Flash (standard)
K85X-ED-9S-BR15	15u" Gold (15 option)
K85X-ED-9S-BR30	30u" Gold (30 option)

RoHS COMPLIANT

cALUS
 E140125

SPUS
 LR78160

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

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

K85X-ED-9S-BR

Vertical PCB Mount D-Sub

9 Pin Female, RoHS Compliant

