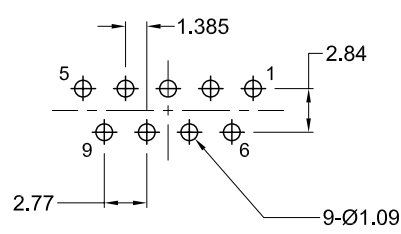


Recommended PCB Layout
(top view)



Material and Finish

Shell: steel, tin 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	Gold Flash (standard)
K85X-ED-9S-15	15u" Gold (15 option)
K85X-ED-9S-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	11/15/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/20/05
A2	1/09/06	ECO #07-352	WILL H.	H. MA		

K85X-ED-9S

Vertical PCB Mount D-Sub
9 Pin Female, RoHS Compliant