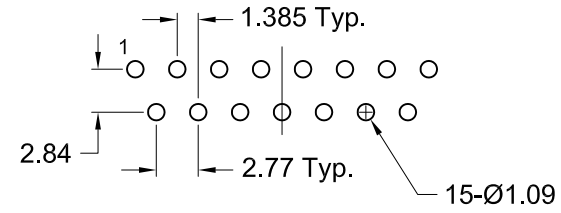


**Recommended PCB Layout**



**Material And Finish**

Shell: Steel Material, Nickel Plated

Insert: PBT Thermoplastic,  
Black Color, 30%  
Glass Filled, UL 94V-0 Rated

Contact Material:  
Plug- Brass

Contact Plating:  
Standard:  
gold flash over nickel on  
contact area, tin over  
nickel on soldertails  
-15 Option:  
15u" gold over nickel on  
contact area, tin over  
nickel on soldertails  
-30 Option:  
30u" gold over nickel on  
contact area, tin over  
nickel on soldertails

**Electrical Specifications**

Rated Current: 2A  
Rated Voltage: 30V RMS

Dielectric Withstanding Voltage:  
1000V (rms) AC for 1 minute

Insulation Resistance:  
more than 1000 Megohm  
at 500V DC

Contact Resistance:  
13 milliohm max.

Operating Temperature  
-55°C to +105°C

**Ordering Information**

Part Number	Contact Area Plating Finish
K85X-AD-15P	Gold Flash (standard)
K85X-AD-15P-15	15u" Gold (15 option)
K85X-AD-15P-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	3/9/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/12/05
A2	1/8/08	ECO #07-052	WILL H.	H. MA		
A3	12/31/17	ECO #17-030	J. Elbanna	C. Furumasu		
						UNITS
						mm

**K85X-AD-15P**

Vertical PCB Mount D-Sub  
15 Pin Male , RoHS Compliant

