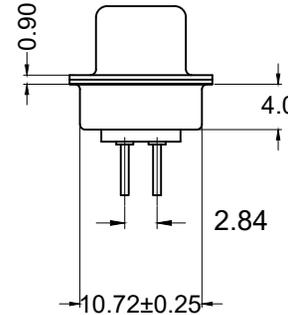


Recommended PCB Layout  
(Top View)

Part Number	Contact Area Plating Finish
K85X-CD-37S-BR	Gold Flash (standard)
K85X-CD-37S-BR15	15u" Gold (15 option)
K85X-CD-37S-BR30	30u" Gold (30 option)

Boardlock not shown  
in this view



**Material and Finish**

Shell: Steel, Nickel plated  
Insulator: PBT thermoplastic with glass-fiber reinforcement, UL94V-0 rated  
Color: Black

Contact Material:  
Socket - Brass

Contact Plating Options:  
Standard: gold flash on mating end, tin on termination end, nickel underplate on entire contact

15 Option: 15u" gold on mating end, tin on termination end, nickel underplate on entire contact

30 Option: 30u" gold on mating end, tin on termination end, nickel underplate on entire contact

**Electrical Specifications**

Rated Current: 2A  
Rated Voltage: 30V RMS  
Insulation Resistance: more than 1000 megohms at 500V DC  
Contact Resistance: 13 milliohms max.  
Dielectric Withstanding Voltage: 1000V for 1 minute  
Operating Temperature: -55°C to +105°C

Tolerances

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	02/07/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	02/07/06
A2	1/09/08	ECO #07-052	WILL.H.	H. MA		
A3	08/10/11	ECO #11-053	S. Vien	H. MA		
A4	12/31/17	ECO #17-030	G. Serrato	C. Furumasa		
A5	09/23/25	ECO #25-061	K.Wang	C.Kelleher		

**K85X-CD-37S-BR**

Vertical PCB Mount D-Sub, RoHS Compliant

37 Pin Female, Boardlocks

