



Recommended PCB Layout
(Top 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

Ordering Information

Part Number	Contact Area Plating Finish
K85X-CD-37S-K	Gold Flash (standard)
K85X-CD-37S-K15	15u" Gold (15 option)
K85X-CD-37S-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	07/08/06	New Drawing	R. Aguirre	N. Chang	R. Aguirre	07/08/06
A2	1/9/08	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		
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					mm	

K85X-CD-37S-K

Vertical PCB Mount D-Sub, RoHS Compliant

37 Pin Female with Threaded Bushings

