



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-KJ	Gold Flash (standard)
K85X-CD-37S-KJ15	15u" Gold (15 option)
K85X-CD-37S-KJ30	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	04/28/08	New Drawing	S. Vien	H. MA	S. Vien	04/28/08
A2	08/10/11	ECO #11-053	S. Vien	H. MA		
A3	12/31/17	ECO #17-030	G. Serrato	C. Furumasu		
					UNITS	
					mm	

K85X-CD-37S-KJ

Vertical PCB Mount D-Sub, RoHS Compliant

Jackscrews Installed, 37 Pin Female with Threaded Bushings

