



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: 1.5A
 Rated Voltage: 30Vac
 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 +75°C

Part Number	Contact Area Plating Finish
K86X-CD-62S	Gold Flash (standard)
K86X-CD-62S-15	15u" Gold (15 option)
K86X-CD-62S-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	03/30/09	New Drawing	S. Vien	H. MA	S. Vien	02/20/09
A2	9/23/14	ECO#14-028	H. MA	P. DalCanto		
A3	12/31/17	ECO #17-033	J. Elbanna	C. Furumasu		
					UNITS	
					mm	

K86X-CD-62S

D-Sub, High Density, Vertical
 62 Pin Female, RoHS Compliant

