



Recommended PCB Layout
(Bottom View)

Material and Finish

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

Contact Material:
 Socket - Phosphor Bronze

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: 29Vac
 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
K66X-E15S-N	Gold Flash (standard)
K66X-E15S-N15	15u" Gold (-15 option)
K66X-E15S-N30	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
A2	5/8/06	ECO 06-010	R. Aguirre	H. MA	R. Aguirre	07/18/05
A3	03/10/08	ECO # 07-049	S. Vien	H. Ma		
A4	12/11/08	ECO # 08-084	S. Vien	H. MA		
A5	06/25/14	ECO #14-027	H. MA	P. DalCanto	UNITS	mm
A6	03/07/16	ECO #15-019	H. MA	W. Cook		
A7	12/31/17	ECO#17-028	G. Serrato	C. Furumasu		

K66X-E15S-N

HD, D-Sub, RoHS Compliant

15 Pos. Female, BoardLocks

