



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:
 Plug - 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: 29Vac
 Insulation Resistance: more than 1000 megohms at 500V DC
 Contact Resistance: 13 milliohms max.
 Dielectric Strength: 1000V for 1 minute
 Durability Rating: 500 mating cycles min.
 Operating Temperature: -55°C to +75°C

Ordering Information

Part Number	Contact Area Plating Finish
K66X-E15P-N	Gold Flash (standard option)
K66X-E15P-N15	15u" Gold (15 option)
K66X-E15P-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
A1	11/04/05	New Drawing	R. Aguirre	H. Ma		
A2	02/20/08	ECO # 07-049	S. Vien	H. MA	H. Ma	11/01/05
A3	12/11/08	ECO # 08-084	S. Vien	H. MA		
A4	06/24/14	ECO # 14-027	H. MA	P. DalCanto		
A5	02/29/16	ECO #15-019	H. MA	W. Cook		
A6	12/31/17	ECO#17-028	G. Serrato	C. Furumasu		

K66X-E15P-N

HD, D-Sub, RoHS Compliant

15 Pos., Male, Grounding BoardLocks

