



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 Strength:  
1000V for 1 minute

Durability Rating:  
500 mating cycles min.

Operating Temperature:  
-55°C to +75°C

Part Number	Contact Area Plating Finish
K66X-B44S-N	Gold Flash (standard)
K66X-B44S-N15	15u" Gold (15 option)
K66X-B44S-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	8/4/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/05/05
A2	03/10/08	ECO #07-049	S. Vien	H. Ma		
A3	12/11/08	ECO #08-084	S. Vien	H. MA		
A4	06/18/14	ECO #14-027	H. MA	P. DalCanto	UNITS	mm
A5	02/23/16	ECO #15-019	H. MA	W. Cook		
A6	12/31/17	ECO #17-028	J. Elbanna	C. Furumasu		

**K66X-B44S-N**

HD, D-Sub, RoHS Compliant

44 Pos., Female, Grounding BoardLocks

