



Recommended PCB Layout  
(Bottom View)

### Material and Finish

- Shell: Steel, nickel plated
- Insulator: High Temperature 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: 29V RMS
- Insulation Resistance: more than 1000 megohms at 500V DC
- Contact Resistance: 13 milliohms max.
- Dielectric Strength: 1000V for 1 minute
- Operating Temperature:  $-55^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

Part Number	Contact Area Plating Finish
K66XHT-B44P-N	Gold Flash (standard)
K66XHT-B44P-N15	15u" Gold (15 option)
K66XHT-B44P-N30	30u" Gold (30 option)

Tolerances
X.X $\pm 0.25$
X.XX $\pm 0.15$
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	2/3/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	2/3/06
A2	5/4/06	ECO #06-010	R. Aguirre	H. MA		
A3	03/10/08	ECO # 07-049	S. Vien	H. MA		
A4	12/09/08	ECO # 08-084	S. Vien	H. MA		
A5	01/26/16	ECO #15-019	H. MA	W. Cook		

K66XHT-B44P-N

HD, D-Sub, RoHS Compliant

High Temp., 44 Pos. Male, BoardLocks

