

Recommended PCB Layout (Bottom View)

**Material and Finish**

Shell: Steel, tin 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: 2A  
 Rated Voltage: 30V RMS  
 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 +105°C

Ferrite Specifications	
Measured Value(OHM)	Test Frequency
18 MIN.	25 MHz.
45 MIN.	100 MHz.

Part Number	Contact Area Plating Finish
KF66X-E15S-N	Gold Flash (standard)
KF66X-E15S-N15	15u" Gold (15 option)
KF66X-E15S-N30	30u" Gold (30 option)

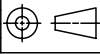


Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	3/1/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	02/28/06
A2	03/14/08	ECO #07-049	S. Vjen	H. Ma		
A3	11/19/08	ECO# 08-084	S. Vjen	H. MA		

**KF66X-E15S-N**

D-Sub, HD, RoHS Compliant  
 Ferrite, 15 Pos. Female, BoardLocks



UNITS  
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