



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

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. Vien	H. Ma		
A3	11/19/08	ECO# 08-084	S. Vien	H. MA		
A4	07/01/14	ECO#14-027	H. MA	P. DalCanto		
A5	03/31/16	ECO#15-019	H. MA	W. Cook		
A6	12/31/17	ECO#17-028	H. MA	C. Furumasu		

KF66X-E15S-N

D-Sub, HD, RoHS Compliant

Ferrite, 15 Pos. Female, BoardLocks

