



Recommended PCB Layout (Top View)

**Material and Finish**

Insulator: PBT Thermoplastic with Glass-fiber Reinforcement, UL 94V-0 Rated, Color: Black

Shell: Steel, Nickel Plated

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: 1000 Megohms Min. at 500V DC  
Contact Resistance: 13 milliohms Max.  
Dielectric Withstanding Voltage: 1000V for 1 Minute

**Mechanical Specifications**

Operating Temperature: -55°C to +105°C

Ferrite Specifications		
Test Frequency	Edge Hole	Inner Hole
30 Mhz	17-27 Ohms	22-30 Ohms
50 Mhz	22-30 Ohms	29-37 Ohms
100 Mhz	29-34 Ohms	35-40 Ohms

Part Number	Contact Area Plating Finish
KF22X-B25S-NJ	Gold Flash (Standard)
KF22X-B25S-NJ15	15u" Gold (15 Option)
KF22X-B25S-NJ30	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	01/04/07	New Drawing	R. Aguirre	H. MA	R. Aguirre	01/04/07
A2	02/21/08	ECO #07-049	S. Vien	H. MA		
A3	08/08/13	ECO #12-018	S. Vien	P. DalCanto		
A4	12/31/17	ECO #17-027	J. Elbanna	C. Furumasu		

**KF22X-B25S-NJ**

Right Angle, Ferrite D-Sub, RoHS Compliant

25 Position, Female, 0.318" Footprint

