

Recommended PCB Layout  
(Top 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: 2A

Rated Voltage: 30V RMS

Insulation Resistance:  
more than 1000 megohms at 500V DC

Contact Resistance:  
13 milliohms max.

Dielectric Withstanding Voltage:  
1000V for 1 minute

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

**Ordering Information**

Part Number	Contact Area Plating Finish
KF85X-BD-25S-K	Gold Flash (standard option)
KF85X-BD-25S-K15	15u" Gold (15 option)
KF85X-BD-25S-K30	30u" Gold (30 option)

**Ferrite Specifications**

Test Frequency	Edge Hole	Inner Hole
30 Mhz	10-14 Ohms	13-17 Ohms
50 Mhz	12-18 Ohms	15-19 Ohms
100 Mhz	15-20 Ohms	19-24 Ohms

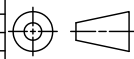
RoHS COMPLIANT



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	03/09/09	New Drawing	S. Vien	H. MA	S. Vien	02/09/09
A2	12/31/17	ECO#17-030	H. MA	C. Furumasa		

**KF85X-BD-25S-K**



UNITS  
mm

D-Sub, Vertical, PCB Mount, RoHS Compliant

25 Pin Female, Ferrite, Threaded BoardLocks

