



Recommended PCB Layout
(Top View)

Material and Finish

Shell: Steel, tin plated
 Insulator: PBT thermoplastic 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: 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

Ferrite Specifications

P/N	Measured Value (Ohm)	Test Frequency	Thickness
09	20 Min.	25 MHz	1.2mm
	40 Min.	100 MHz	
15	15 Min.	25 MHz	
	35 Min.	100 MHz	
25	15 Min.	25 MHz	
	40 Min.	100 MHz	
37	20 Min.	25 MHz	
	50 Min.	100 MHz	

Part Number	Dimensions				Plating Options	
	A	B	C	D		
KF85X-ED-9P-BR/15/30	16.92	24.99	30.81	19.18	Blank	Gold Flash
KF85X-AD-15P-BR/15/30	25.25	33.32	39.14	27.51	-15	15u" Gold
KF85X-BD-25P-BR/15/30	38.96	47.04	53.04	41.00		
KF85X-CD-37P-BR/15/30	55.42	63.50	69.32	57.3	-30	30u" Gold



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	02/06/09
A2	08/10/11	ECO #11-053	S. Vien	H. MA		

KF85X-xD-xxP-BR

D-Sub, Vertical, PCB Mount, RoHS Compliant
 Ferrite, Male, Threaded Boardlocks



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[KF85X-CD-37P-BR](#)