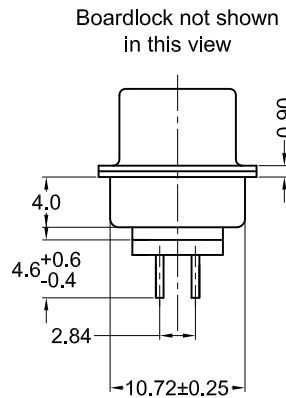


Recommended PCB Layout
(Top View)



Boardlock not shown
in this view

Material and Finish

Shell: Steel, Nickel 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

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

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	



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		
A3	12/31/17	ECO #17-030	H. MA	C. Furumasa		
					UNITS	
					mm	

KF85X-xD-xxP-BR

D-Sub, Vertical, PCB Mount, RoHS Compliant

Ferrite, Male, Threaded Boardlocks

