



Material and Finish

Shell: Steel, nickel plated
 Insulator: PBT thermoplastic with glass-fiber reinforcement, UL94V-0 rated
 Color: Black
 Contact Material: Socket - 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: 1.5A
 Rated Voltage: 30Vac
 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 +75°C

Ordering Information

Part Number	Contact Area Plating Finish
KF86X-ED-15S-K	Gold Flash (standard option)
KF86X-ED-15S-K15	15u" Gold (15 option)
KF86X-ED-15S-K30	30u" Gold (30 option)

Ferrite Specifications

Measured Value(OHM)	Test Frequency
12 MIN.	25 MHz.
30 MIN.	100 MHz.



Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE		
A1	05/12/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/12/06		
A2	1/21/08	ECO# 07-052	WILL H.	H. MA				
A3	09/03/08	Correct Socket View	S. Vien	H. MA		UNITS		
A4	10/21/14	ECO#14-028	H. MA	P. DalCanto				
A5	05/12/16	ECO#16-009	H. MA	W. Cook				
A6	12/31/17	ECO #17-033	J. Elbanna	C. Furumasu				
								mm

KF86X-ED-15S-K

Vertical D-sub, High Density, RoHS Compliant

15 Pin Female, with Ferrite

