



Material and Finish

Shell: Steel, nickel plated
 Insulator: PBT with glass-fiber reinforced
 UL 94V-0,color black

Contact Material
 Plug: Brass
 Socket: Phosphor bronze

Contact Plating Options:
 Standard:
 Gold flash over Nickel on contacts, Tin over Nickel on soldertails
 15 Option:
 15u" Gold over Nickel on contacts, Tin over Nickel on soldertails
 30 Option:
 30u" Gold over Nickel on contacts, Tin over Nickel on soldertails

Electrical Specifications

Rated Current: 2A
 Rated Voltage: 30V RMS
 Withstand Voltage
 500V(r.m.s.) ac for 1 min
 Insulation Resistance
 More than 1000M ohm at 500DC
 Contact Resistance
 13m ohm Max
 Dielectric Strength
 1000V for 1 min
 Temperature
 -55°C to+105°C

Ordering Information

Part Number	Contact Area Plating Finish
KF42X-B25P/S-A4NJ	Gold Flash (standard option)
KF42X-B25P/SA4NJ15	15u" Gold (15 option)
KF42X-B25P/SA4NJ30	30u" Gold (30 option)

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

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	8/9/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	08/08/06
A2	6/7/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO #07-049	S. Vien	H. Ma		
A4	12/31/17	ECO #17-037	J. Elbanna	C. Furumasu		

KF42X-B25P/S-A4NJ

Right Angle, PCB Mount, Dual Port, RoHS Compliant

Male/Female 0.750" Spacing, jackscrews, Ferrite

