



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: 1.2A

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
K42X-B25P/P-A4N	Gold Flash (standard)
K42X-B25P/P-A4N15	15u" Gold (15 option)
K42X-B25P/P-A4N30	30u" Gold (30 option)

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	11/11/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	11/01/05
A2	6/18/07	ECO #07-018	A. Frederick	H. MA		
A3	03/13/08	ECO #07-049	S. Vien	H. MA		
A4	12/31/17	ECO #17-037	G. Serrato	C. Furumasu		
A5	03/13/19	ECO #19-020	H. MA	D. Shehan		

K42X-B25P/P-A4N

Right Angle, PCB Mount, Dual Port, RoHS Compliant

Male/Male 0.750" Spacing

