



Recommended PCB Layout (Top View)

Material and Finish

Insulator: PBT Thermoplastic with Glass-fiber Reinforcement, UL 94V-0 Rated, Color: Black

Shell: Steel, Nickel Plated

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: 1000 Megohms Min. at 500V DC
Contact Resistance: 13 milliohms Max.
Dielectric Withstanding Voltage: 1000V for 1 Minute

Mechanical Specifications

Operating Temperature: -55°C to +105°C

Part Number	Contact Area Plating Finish
K22X-B25P-N	Gold Flash (Standard)
K22X-B25P-N15	15u" Gold (15 Option)
K22X-B25P-N30	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	12/15/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	09/27/05
A2	03/28/08	ECO #07-049	S. Vien	H. MA		
A3	08/09/13	ECO #12-018	S. Vien	P. DalCanto		
A4	12/31/17	ECO #17-027	G. Serrato	C. Furumasu		

K22X-B25P-N

Right Angle D-Sub, Male, RoHS Compliant

0.318" Footprint, Boardlocks

