

**Material and Finish**

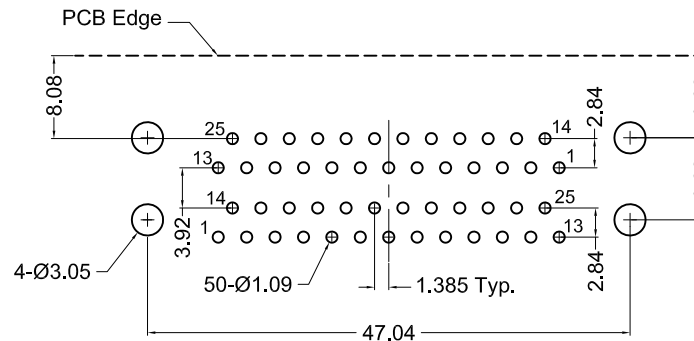
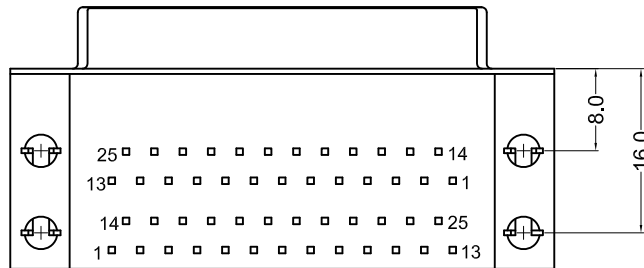
- Insulator: PBT Thermoplastic with Glass-Fiber Reinforcement, UL 94V-0 Rated, Color: Black
- Shell: Steel, Nickel Plated
- Contact Material: Plug - Brass, Socket - Phosphor Bronze
- Contact Plating Options:
  - Standard: Gold Flash on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact
  - 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



Recommended PCB Layout (Bottom View)

Part Number	Contact Area Plating Finish
K42X-B25P/S-C4N	Gold Flash (Standard)
K42X-B25P/S-C4N15	15u" Gold (15 Option)
K42X-B25P/S-C4N30	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	03/16/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	03/16/06
A2	6/18/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO # 07-049	S. Vien	H. Ma		
A4	10/05/12	ECO #12-025	S. Vien	P. DalCanto		
A5	12/31/17	ECO #17-037	G. Serrato	C. Furumasu		

**K42X-B25P/S-C4N**

Right Angle D-Sub, Dual Port, RoHS Compliant

Male/Female 0.625" Spacing

