



Recommended PCB Layout
(Top View)

Material and Finish

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

Contact Material:
 Socket- Phosphor bronze

Duplex plated as follows:

- 30 30u" gold on mating end, tin on termination end, with entire contact nickel
- 15 15u" gold on mating end, tin on termination end, with entire contact nickel

(Standard) Gold flash on mating end, Gold flash or tin on termination end, with nickel underplate on entire contact

Electrical Specifications

- Rated Current: 2A
- Rated Voltage: 30V RMS
- Withstanding Voltage: 500V (rms) AC for 1 min
- Insulation Resistance: more than 1000 Megaohm at 500v DC
- Contact Resistance: 13 milliohm Max
- Dielectric Strength: 1000V for 1 min
- Temperature Rating: -55°C to +105°C

Ordering Information	
Part Number	Contact Area Plating Finish
K22X-E9S-NV	Gold Flash (standard option)
K22X-E9S-NV15	15u" Gold (15 option)
K22X-E9S-NV30	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	03/31/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	03/31/06
A2	02/21/08	ECO # 07-049	S. Vien	H. MA		

K22X-E9S-NV

Rt Ang DSub, 9 pin Female 0.318" footprint
 w/ 4 Prong boardlocks, RoHS Compliant

