



Recommended PCB Layout  
(Top View)

**Material and Finish**

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

Shell: Steel, Nickel Plated

Contact Material:  
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

Part Number	Contact Area Plating Finish
K22XHT-C37S-N	Gold Flash (Standard)
K22XHT-C37S-N15	15u" Gold (15 Option)
K22XHT-C37S-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	05/08/08	New Drawing	S. Vien	H. MA	S. Vien	02/29/08
A2	07/02/13	ECO #12-018	S. Vien	P. DalCanto		
A3	08/07/18	Update Address	G. Serrato	D. Shehan		

**K22XHT-C37S-N**

Right Angle D-Sub, Female, RoHS Compliant

0.318" Footprint, Boardlock

