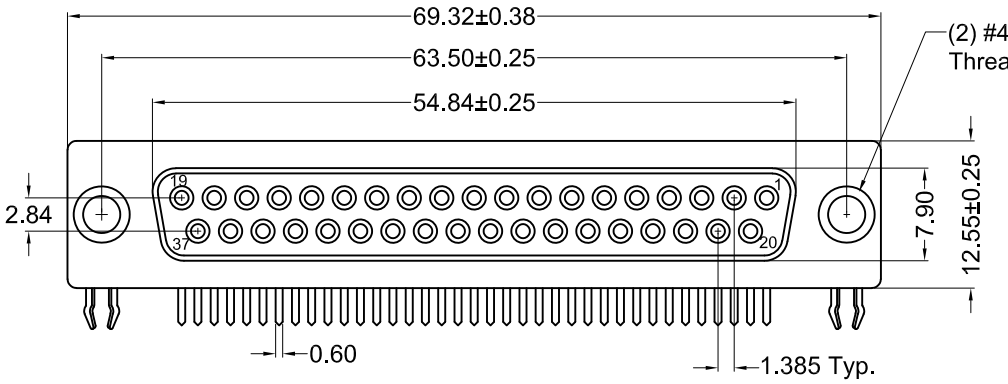
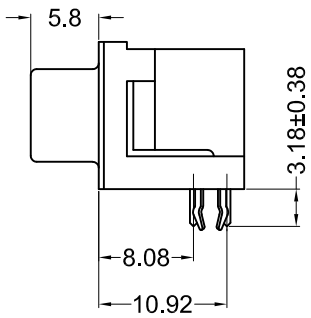
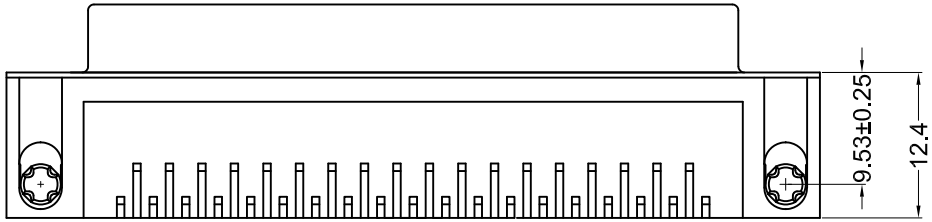
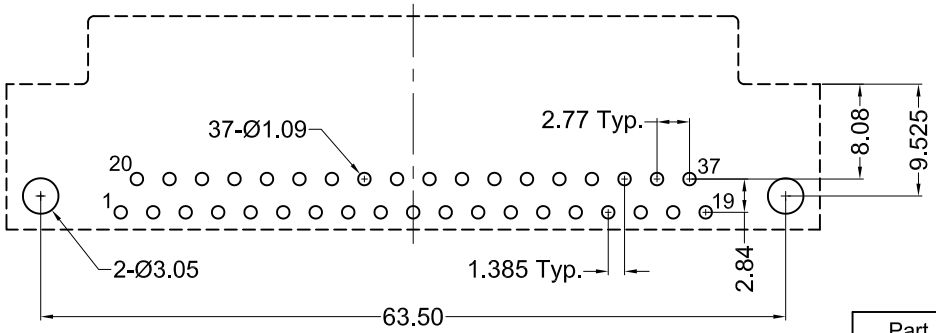
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









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-NV	Gold Flash (Standard)
K22XHT-C37S-NV15	15u" Gold (15 Option)
K22XHT-C37S-NV30	30u" Gold (30 Option)

RoHS COMPLIANT
EU Directive 2002/95/EC

C US
LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A1	01/13/09	New Drawing	S. Vien	H. MA
A2	07/02/13	ECO #12-018	S. Vien	P. DalCanto
A3	08/07/18	Update Address	G. Serrato	D. Shehan

DRAWN BY	DATE
S. Vien	01/09/09
	UNITS
	mm

K22XHT-C37S-NV

Right Angle D-Sub, 37 Position, Female

NV Type Boardlocks, RoHS Compliant

KYCON