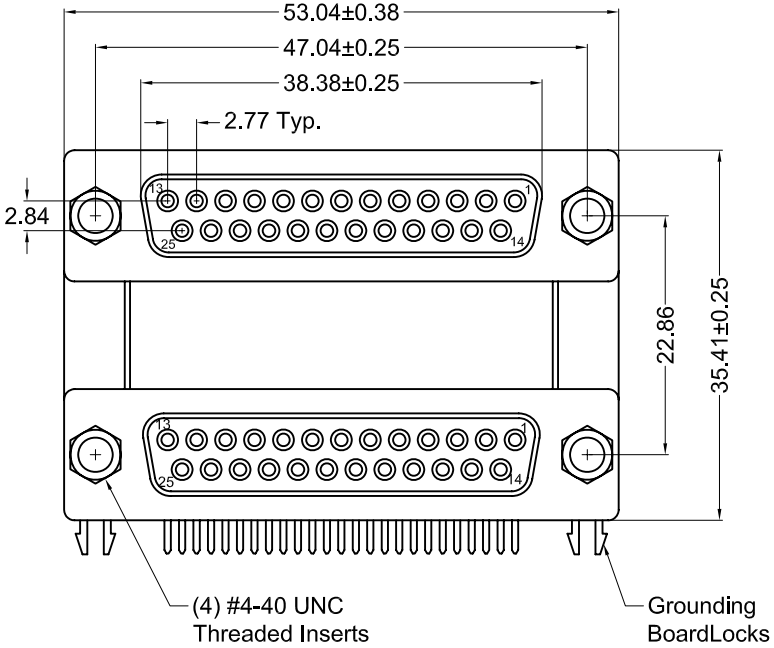
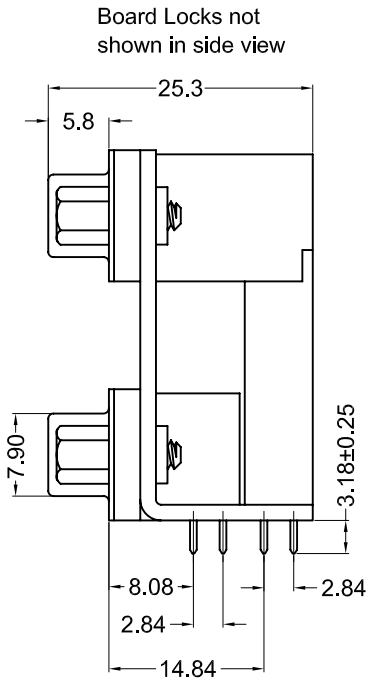
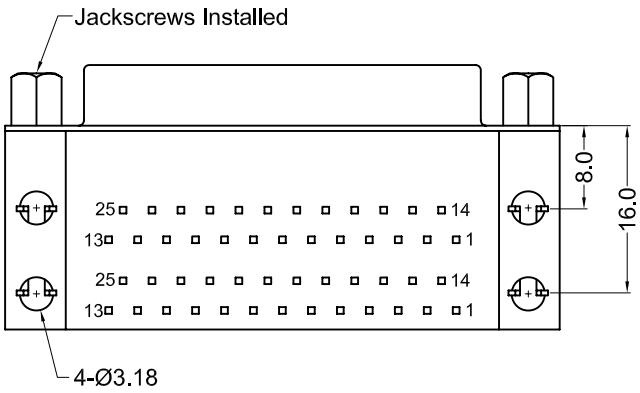
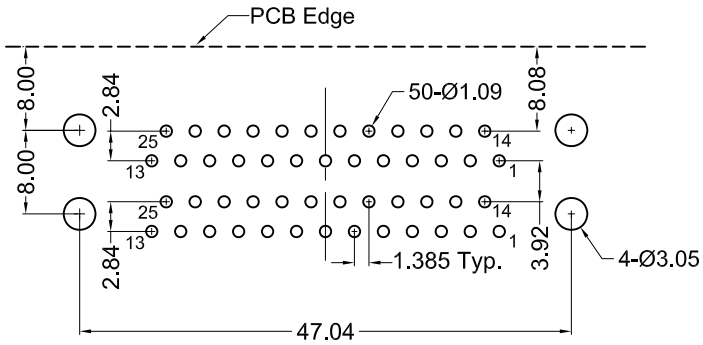
KYCON, Inc. 1810 Little Orchard Street, San Jose, CA 95125 (408)494-0330









Recommended PCB Layout
(Bottom View)

Part Number	Contact Area Plating Finish
K42X-B25S-S-B4NJ	Gold Flash (standard option)
K42X-B25S-S-B4NJ15	15u" Gold (15 option)
K42X-B25S-S-B4NJ30	30u" Gold (30 option)

Material and Finish

Shell: Steel, tin plated

Insulator: PBT thermoplastic
with glass-fiber reinforcement,
UL94V-0 rated
Color: Black

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:
more than 1000 megohms at 500V DC

Contact Resistance:
13 milliohms max.

Dielectric Withstanding Voltage:
1000V for 1 minute

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

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	DRAWN BY	DATE
A1	01/22/09	New Drawing	S. Vien	H. MA	S. Vien	01/22/09
					UNITS	
					mm	

K42X-B25S-S-B4NJ

RA, PCB Mount, Dual Port, RoHS Compliant

JS, 0.900" Spacing, 25 Female/25 Female

KYCON

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Kycon:
K42X-B25S/S-B4NJ