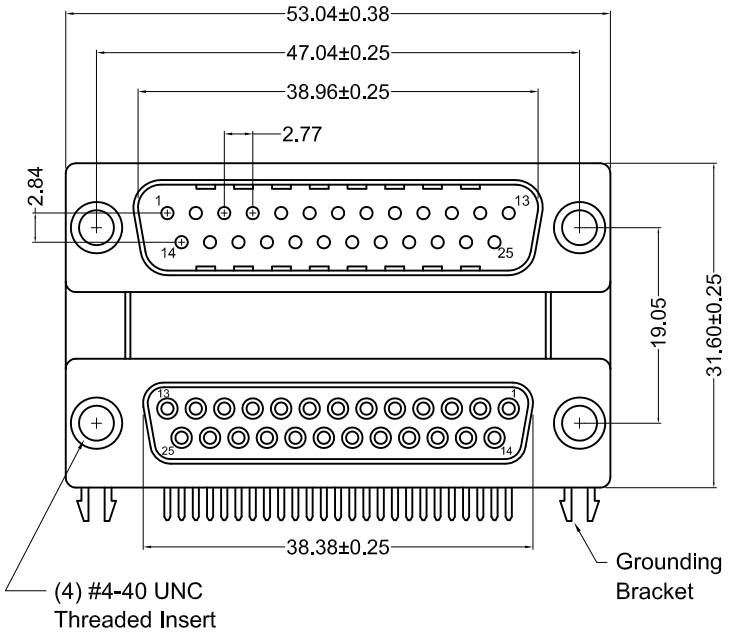
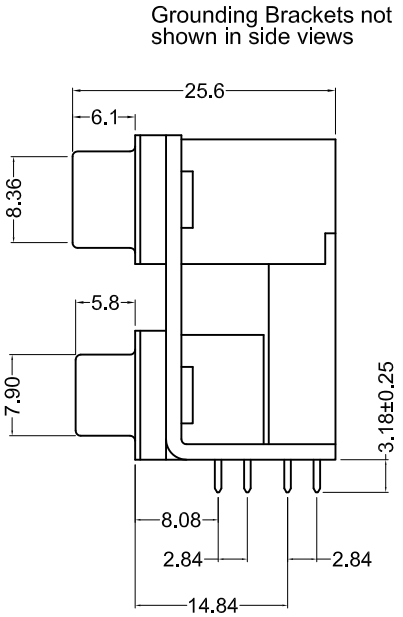
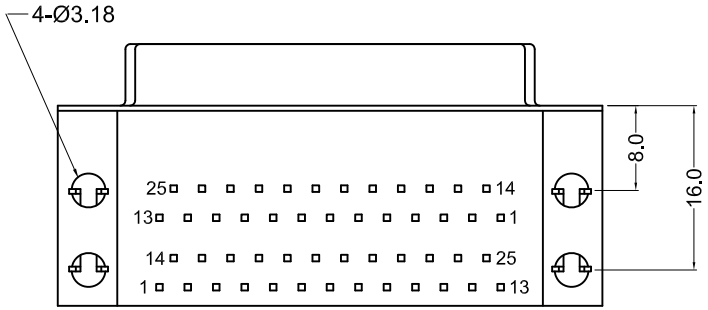
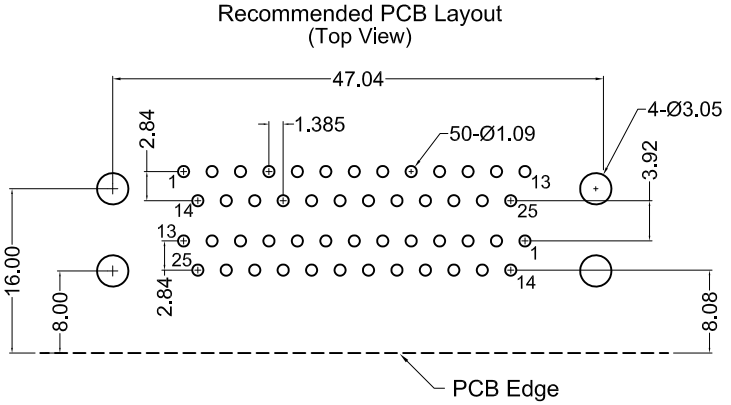
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









Material and Finish

Shell: Steel, nickel plated

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

Contact Material:
Socket - Phosphor Bronze
Plug - Brass

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: 1.2A

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

Ordering Information	
Part Number	Contact Area Plating Finish
K42X-B25P/S-A4N	Gold Flash (standard)
K42X-B25P/S-A4N15	15u" Gold (15 option)
K42X-B25P/S-A4N30	30u" Gold (30 option)

RoHS COMPLIANT

C SP US
LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A1	11/4/05	New Drawing	R. Aguirre	H. MA
A2	06/18/07	ECo #07-018	A. Frederick	H. MA
A3	03/14/08	ECO # 07-049	S. Vien	H. Ma
A4	12/31/17	ECO #17-037	G. Serrato	C. Furumasu
A5	03/14/19	ECO #19-020	H. MA	D. Shehan

DRAWN BY	DATE
R. Aguirre	11/3/05
	UNITS
	mm

K42X-B25P/S-A4N

Right Angle, PCB Mount, Dual Port,RoHS Compliant

Male/Female 0.750" Spacing

KYCON