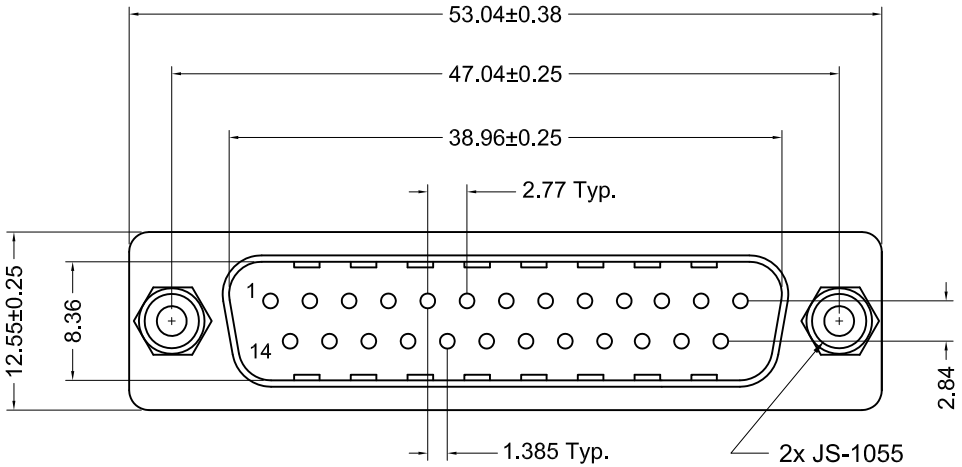
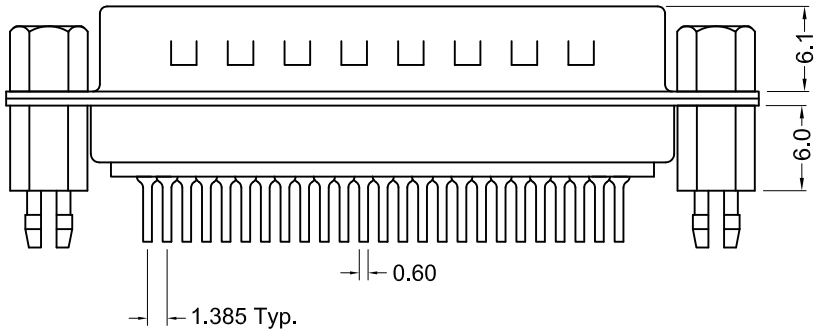
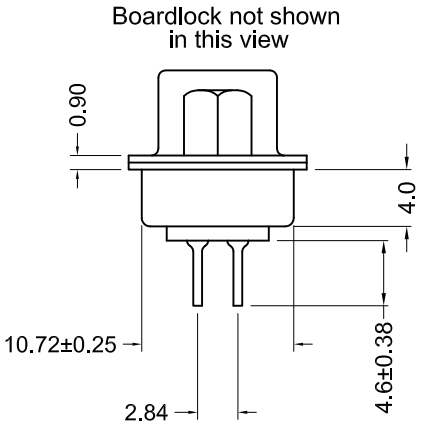
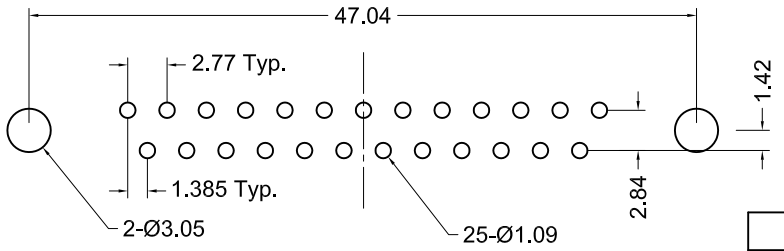
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330







Recommended PCB Layout



Material and Finish

Shell: steel, nickel plated

Insulator: PBT with glass-fiber reinforcement, UL 94V-0 rated, color-black

Contact Material:

Plug: Brass

Contact Plating:

Standard:
Gold flash on mating end, tin on termination end, with entire contact nickel underplated

-15 Option:
15u" gold on mating end, tin on termination end, with entire contact nickel underplated

-30 Option:
30u" gold on mating end, tin on termination end, with entire contact nickel underplated

Electrical Specifications

Rated Current: 2A

Rated Voltage: 30V RMS

Withstanding Voltage:
500V (rms) AC for 1 minute

Insulation Resistance:
more than 1000 Megohm at 500V DC

Contact Resistance:
13 milliohm max.

Dielectric Strength:
1000V for 1 minute

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

Part Number	Contact Area Plating Finish
K85X-BD-25P-BRJ	Gold Flash (standard)
K85X-BD-25P-BRJ15	15u" Gold (15 option)
K85X-BD-25P-BRJ30	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
A0	3/14/05	New Drawing	H. MA	C. Furumasu
A1	5/23/05	Release Drawing	H. MA	N/A
A2	1/8/08	ECO # 07-052	WILL H.	H. MA
A3	12/31/17	ECO #17-030	J. Elbanna	C. Furumasu

DRAWN BY	DATE
H. MA	3/11/05
	UNITS
	mm

K85X-BD-25P-BRJ

Vertical PCB Mount D-Sub, 25 Pin Male,

Boardlocks w J/S, RoHS Compliant

KYCON