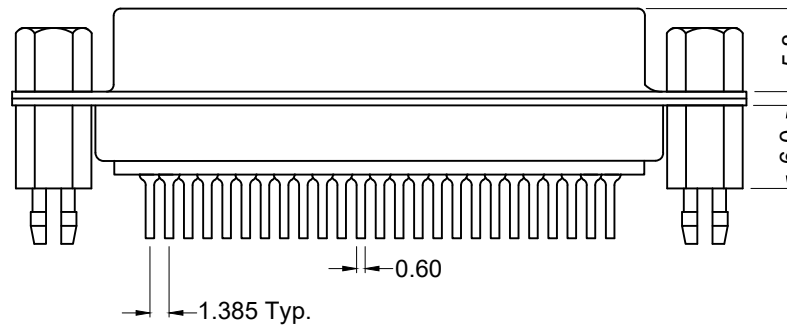
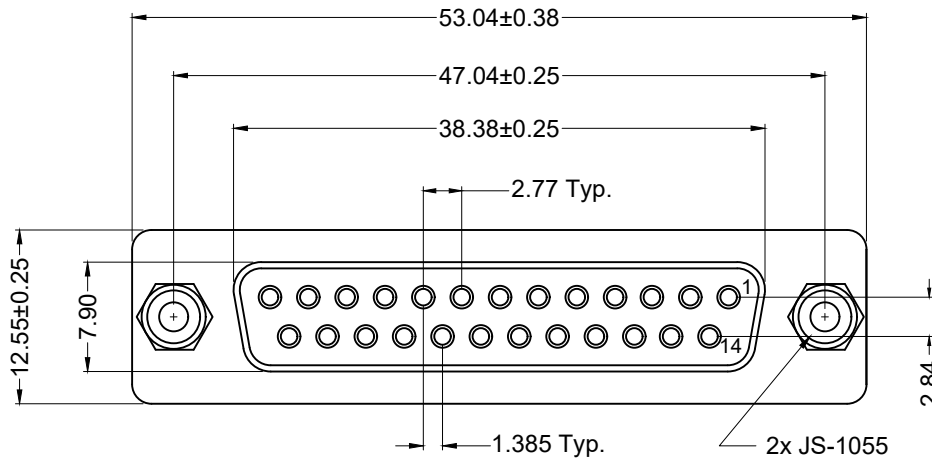
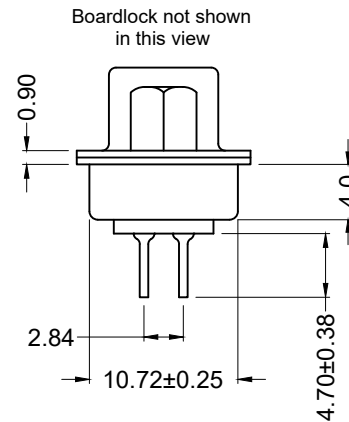
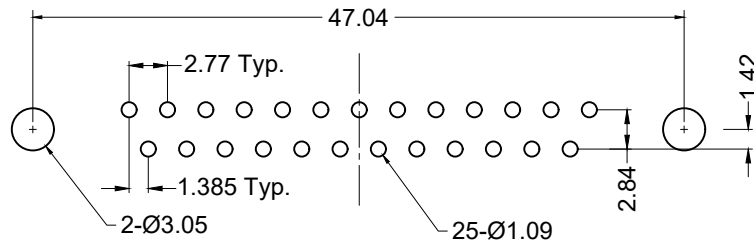




Recommended PCB Layout

**Material and Finish**

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

Contact Material:

Socket: 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-25S-BRJ	Gold Flash (standard)
K85X-BD-25S-BRJ15	15u" Gold (15 option)
K85X-BD-25S-BRJ30	30u" Gold (30 option)

RoHS COMPLIANT

cULus
E140125SP
LR78160

Tolerances

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	3/14/05	New Drawing	H. MA	C. Furumasu	H. MA	3/14/05
A1	4/14/05	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		
A4	09/23/25	ECO #25-061	K.Wang	C.Kelleher		

K85X-BD-25S-BRJ

Vertical PCB Mount D-Sub, 25 Pin Female,

Boardlocks w J/S, RoHS Compliant

