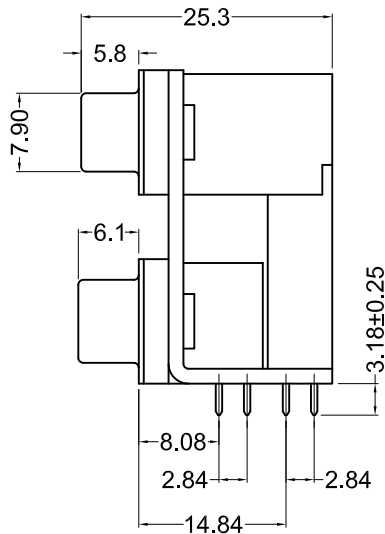


Grounding Brackets not shown in this view



Material and Finish

Insulator- PBT, 30% glass-fiber reinforced
UL 94V-0 rated
color: black

Contact Material-
Sockets- Phosphor Bronze
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

Shell: Steel, Nickel plated

Electrical Specifications

Rated Current: 2A

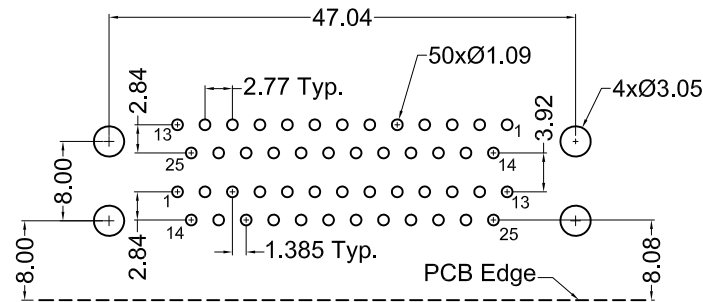
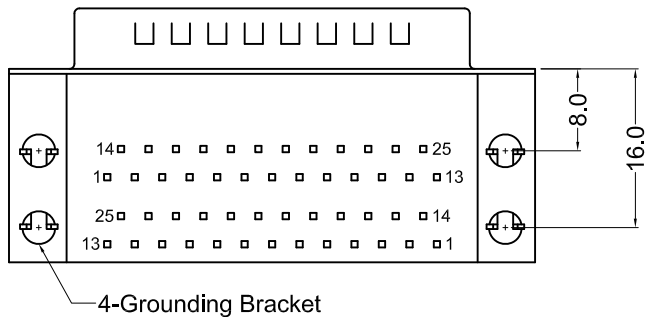
Rated Voltage: 30V RMS

Insulation Resistance
more than 1000 Megohm
at 500V DC

Contact Resistance
13 milliohm Max

Dielectric Withstanding Voltage
1000V (rms) AC for 1 min

Temperature Rating
-55°C to +105°C



Recommended PCB Layout
(Top View)

Part Number	Contact Area Plating Finish
K42X-B25S/P-A4N	Gold Flash (standard option)
K42X-B25S/P-A4N15	15u" Gold (15 option)
K42X-B25S/P-A4N30	30u" Gold (30 option)



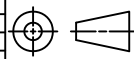
Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	05/11/11	New Drawing	S. Vien	H. MA	S. Vien	05/11/11
A2	12/31/17	ECO #17-037	G. Serrato	C. Furumasu		

K42X-B25S/P-A4N

D-Sub, 25 Female/25 Male, RoHS Compliant

0.750" Spacing, with Grounding Boardlocks



UNITS
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