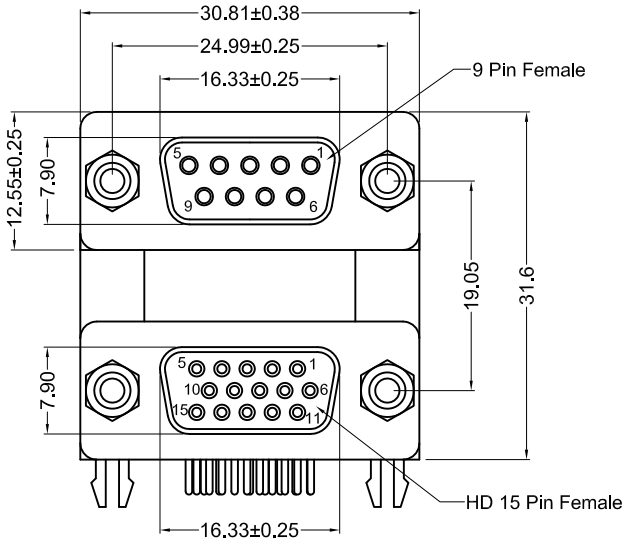
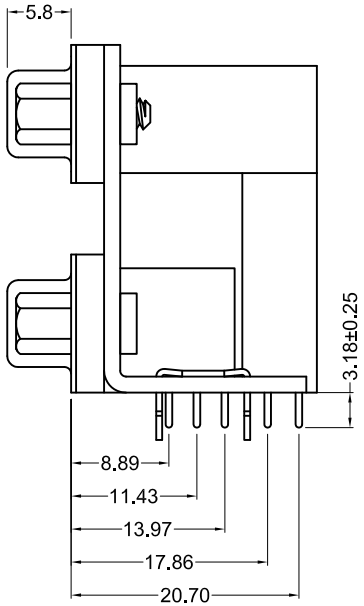
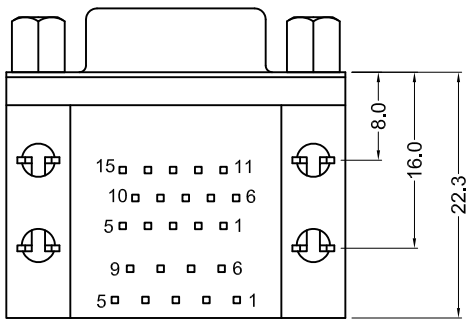
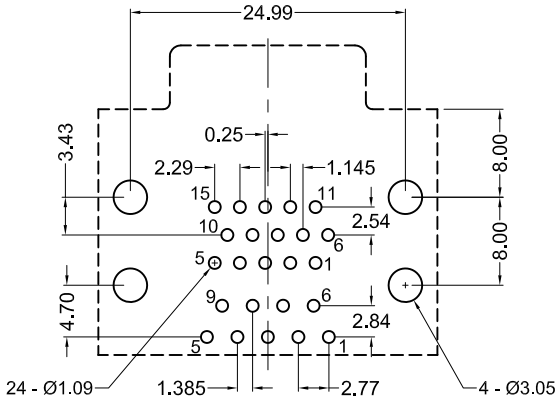
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330




Recommended PCB Layout
(Bottom View)

| Part Number | Contact Area Plating Finish |
|---|---|
| K42X-E9S/E15S-A4NJ | Gold Flash (standard) |
| K42X-E9S/E15SA4NJ15 | 15u" Gold (15 option) |
| K42X-E9S/E15SA4NJ30 | 30u" Gold (30 option) |

## *Material and Finish*

Shell: Steel, nickel plated

Insulator:
PBT Thermoplastic
UL 94V-0 rated
color: black

Contact Material-
Socket: Phorsphor Bronze

Contact Plating Options:
Standard: gold flash on contact area, tin on soldertails with entire contact nickel underplated
15 Option: 15u" gold on contact area, tin on soldertails with entire contact nickel underplated
30 Option: 30u" gold on contact area, tin on soldertails with entire contact nickel underplated

## *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

RoHS COMPLIANT

C US LR78160

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

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY |
|---|---|---|---|---|
| A1 | 02/27/08 | New Drawing | S. Vien | H. MA |
| A2 | 12/31/17 | ECO #17-037 | J. Elbanna | C. Furumasu |
| A3 | 04/01/19 | ECO #19-020 | H. MA | D. Shehan |

| DRAWN BY | DATE |
|---|---|
| S. Vien | 02/27/08 |
| | UNITS |
| | mm |

# K42X-E9S/E15S-A4NJ

9 Female / 15HD Female D-Sub, 0.750" Spacing

w/ 4 Gnd. Brackets, with Jackscrews, RoHS Compliant

KYCON