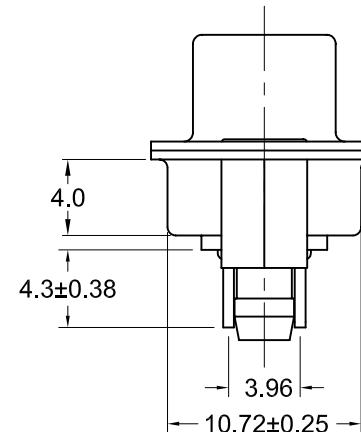
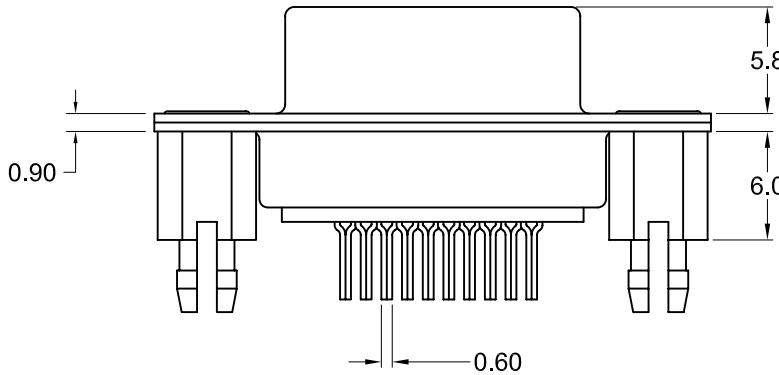
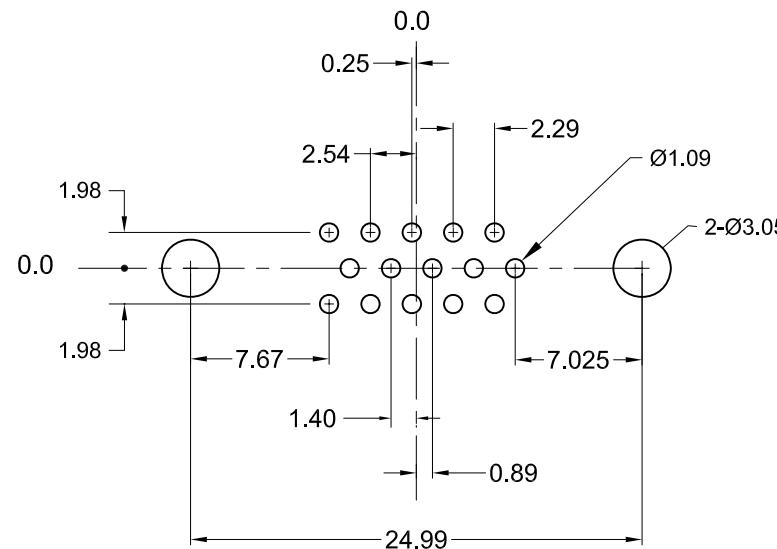


## Recommended PCB Layout (Top View)



Part Number	Gold Option
K86X-ED-15S-BR	Gold Flash (standard)
K86X-ED-15S-BR15	15u" Gold (15 option)
K86X-ED-15S-BR30	30u" Gold (30 option)

## Material And Finish

Shell: Steel Material, Tin Plated  
Insert: PBT Thermoplastic, Black Color, 30% Glass Filled, UL 94V-0 Rated

Contact Material: Socket- Brass

Contact Plating: Standard: Gold flash over Nickel on contacts, Tin over Nickel on soldertails

-15 Option: 15u" Gold over Nickel on contacts, Tin over Nickel on soldertails

-30 Option: 30u" Gold over Nickel on contacts, Tin over Nickel on soldertails

## Electrical Specifications

Rated Current: 2A

Rated Voltage: 30V RMS

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

Insulation Resistance: more than 1000 Megohms at 500 V DC

Contact Resistance: 13 milliohm Max.

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

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

RoHS COMPLIANT  
EU Directive 2002/95/EC



High Density Vertical Mount D-Sub, RoHS Compliant

15 pin socket, boardlocks

K86X-ED-15S-BR

KYCON

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE	UNITS
A1	01/06/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	01/06/06	mm
A2	1/17/08	ECO# 07-052	WILL H.	H. MA			
A3	11/24/09	Correct Dim position	S. Vien	H. MA			

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[K86X-ED-15S-BR](#)