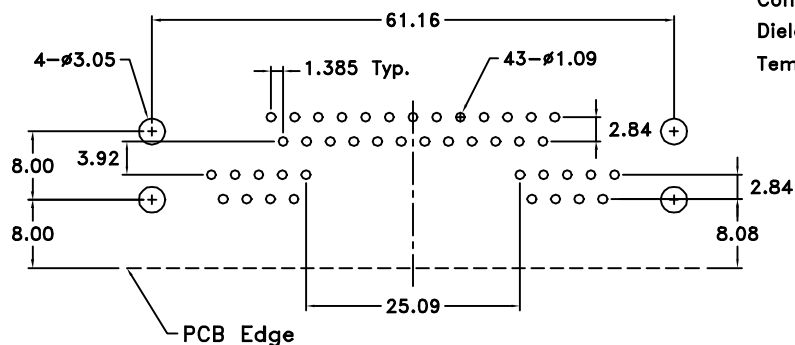


### Recommended PCB Layout (Top View)



### Material and Finish

Shell: Steel, zinc plated or tin plated

Insulation: PBT Thermoplastic,  
UL 94V-0, color black

Contact Material:  
Socket- Phosphor bronze

Contact Plating Options:  
Standard:  
Gold flash on mating end,  
Tin-Lead on termination end,  
Nickel underplate on entire contact

15 Option:  
0.000015" Gold on mating end,  
Tin-Lead on termination end,  
Nickel underplate on entire contact

30 Option:  
0.000030" Gold on mating end,  
Tin-Lead on termination end,  
Nickel underplate on entire contact

### Specifications

Rated Current: 5A

Rated Voltage: 300v DC

Withstanding Voltage:  
500v(r.m.s.) AC for 1 min

Insulation Resistance:  
More than 1000Mohm at  
500v DC

Contact Resistance: 13mohm Max.


Dielectric Strength: 1000v for 1 min

Temperature:  
-55C° to +125C°

### Tolerances

X.X  $\pm 0.5$   
X.XX  $\pm 0.2$   
Unless Stated  
Otherwise

CSA Certified File No. LR78160  
UL Recognized File No. E169636

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS	K42-25P/9S-9S-A4N	Triple D-Sub, 0.750" Spacing	
A0	6/29/00	New Drawing	K. Wallace		mm			
A1	10/5/00	Release Drawing	CHECKED BY	APPROVED BY	DATE			
					6/29/00		Male 25 Pin / Female 9 Pin-Female 9 Pin	

# Mouser Electronics

Authorized Distributor

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

[Kycon:](#)

[K42-25P/9S-9S-A4N](#)