

### MATERIAL AND FINISHES:

- **INSULATOR:**  
PBT Glass Filled  
UL 94V-0
- **CONTACT:**  
Brass (Male)  
Brass or Phosphor Bronze (Female)
- **SHELL:**  
Steel
- **PLATING:**  
-Contact  
1- Gold Flash (Complete)  
2- Selective Gold Over Nickel Plated (Contact Area)  
Tin/Lead Over Nickel Plated (Tail Area)  
-Shell  
Tin or Zinc over Copper Plated

### ELECTRICAL CHARACTERISTICS:

- **RATING CURRENT:**  
3 Amp.
- **CONTACT RESISTANCE:**  
< 15 Milliohm
- **INSULATION RESISTANCE:**  
> 3000 Megohm at 500V
- **DIELECTRIC VOLTAGE:**  
1000V at 1 Minute
- **OPERATING TEMPERATURE:**  
-55°C to +105°C

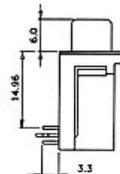
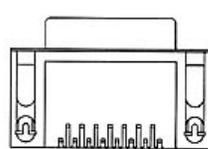
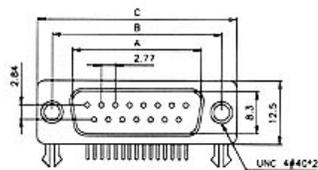
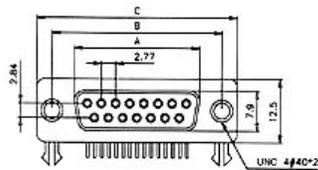


#### FEMALE Unit: mm

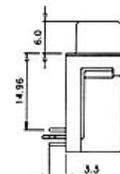
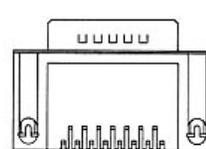
POSITION	A	B	C
9F	16.30	25.00	30.8
15F	24.60	33.30	39.2
25F	38.30	47.10	53.1
37F	54.80	63.50	69.4

#### MALE Unit: mm

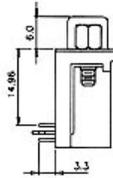
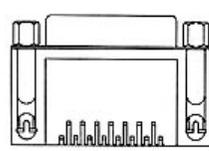
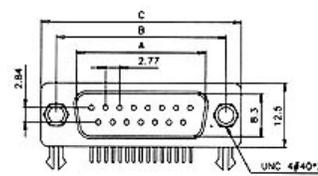
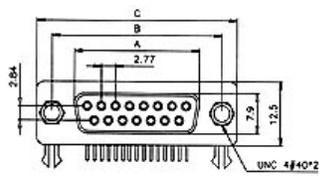
POSITION	A	B	C
9M	16.92	25.00	30.8
15M	25.25	33.32	39.2
25M	38.96	47.10	53.1
37M	55.42	63.50	69.4



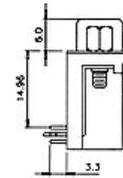
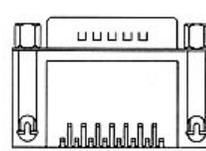
FEMALE



MALE

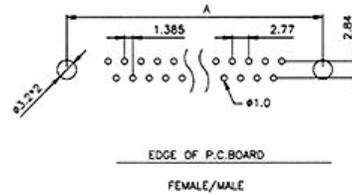


FEMALE



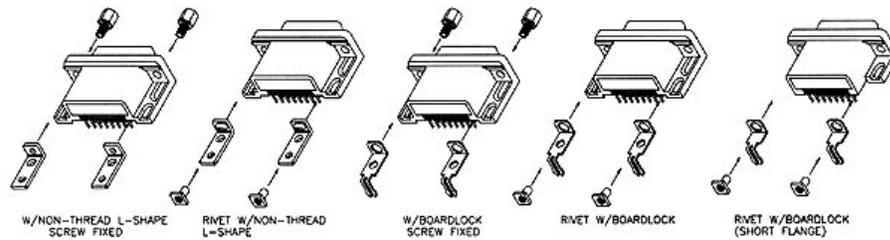
MALE

**P.C.B. LAYOUT PATTERN:**



POSITION	A
9P	25.00
15P	33.30
25P	47.10
37P	63.50

**PROCESS OPTION:**



**HOW TO ORDER:**



**1. Series**  
DS09

**2. Contact Number**  
09 15 25 37

**3. Contact Type**  
M = Male (Long Flange)  
F = Female (Long Flange)  
C = Male (Short Flange)  
D = Female (Short Flange)

**4. Contact Plating**  
\*Letter (plating appearance)  
G = Contact point heavy plated then gold flash  
S = Selected gold plated(plated after punching)  
F = Full gold plated(plated after punching)  
  
\*Number (plating thickness)  
1 = General gold flash(about 0.8~1.2μ")  
2 = 5μ"  
3 = 10μ"  
4 = 15μ"  
5 = 20μ"  
6 = 30μ"  
7 = 3μ"

**5. Shell Plating**  
T = Tin  
N = Nickel  
Z = Zinc  
P = Tin + Dimple  
Q = Nickel + Dimple

**6. Process Option**  
A = Boardlock  
B = Rivet w/Boardlock  
C = Rivet Only  
F = 4#40 Thread L-Shape  
G = Rivet w/4#40 Thread L-Shape

**7. Thread Option**  
A = Non Rivet  
B = 4#40 Thread Rivet  
C = M3 Thread Rivet  
D = M2.6 Thread Rivet  
E = Non-Thread Rivet

**8. Parts Option**  
A = Non Accessories  
B = Loose Hex-Screws (4.8\*11.8mm)  
C = Fixed Hex-Screws (4.8\*11.8mm)  
D = Loose Hex-Screws (5.8\*12.0mm)  
E = Fixed Hex-Screws (5.8\*12.0mm)

**9. Insulator Color**  
3 = Black