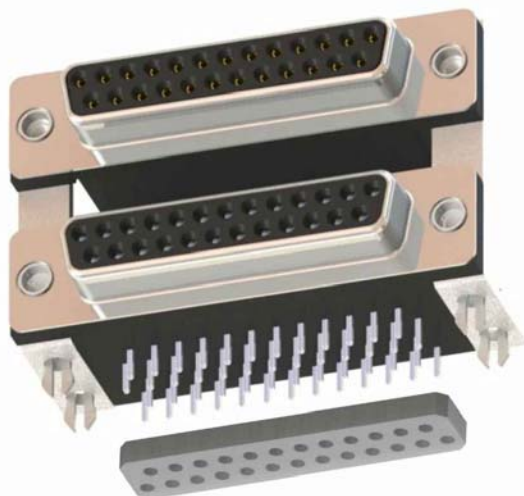


## ◆ Dual Port Right Angle with Ferrite



| Shell Size | Dimensions       |                  |                  |                  |
|------------|------------------|------------------|------------------|------------------|
|            | A                | A1               | B                | C                |
| 9(E)       | 16.33<br>[.643]  | 16.92<br>[.666]  | 24.99<br>[.984]  | 30.81<br>[1.213] |
| 15(A)      | 24.66<br>[.971]  | 25.25<br>[.994]  | 33.32<br>[1.312] | 39.14<br>[1.541] |
| 25(B)      | 38.38<br>[1.511] | 38.96<br>[1.534] | 47.04<br>[1.852] | 53.04<br>[2.088] |
| 37(C)      | 54.84<br>[2.159] | 55.42<br>[2.182] | 63.50<br>[2.500] | 69.32<br>[2.729] |

A=Exterior of Female Shell

A1=Interior of Male Shell

| Center to Center Spacing | Dimensions       |                  |
|--------------------------|------------------|------------------|
|                          | D                | E                |
| A                        | 19.05<br>[.750]  | 31.60<br>[1.244] |
| B                        | 22.86<br>[.900]  | 35.41<br>[1.394] |
| C                        | 15.875<br>[.625] | 28.42<br>[1.119] |

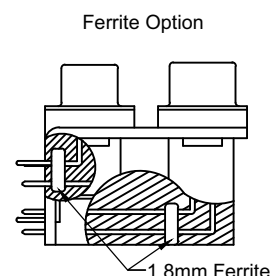
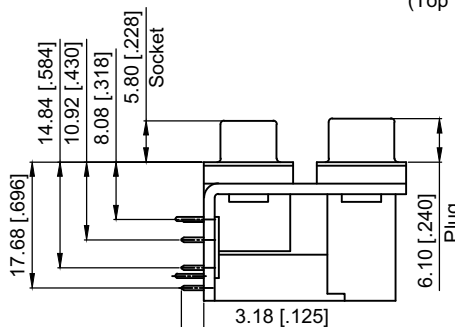
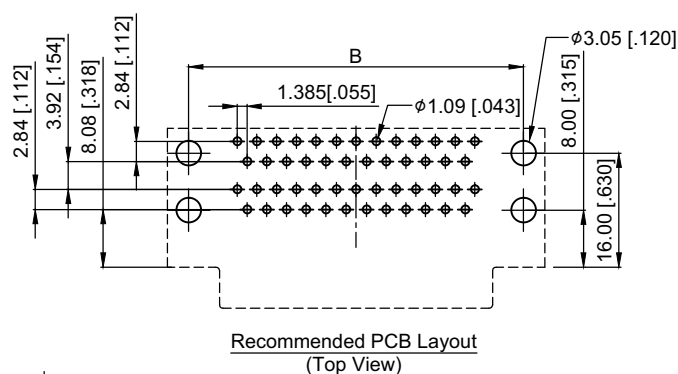
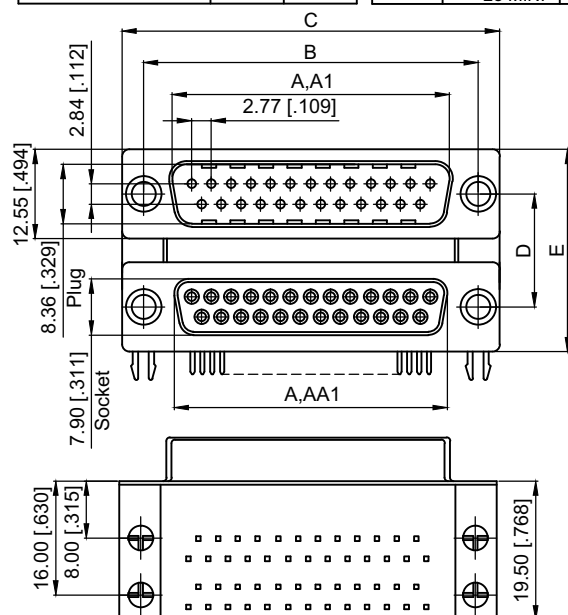
### Ferrite Specifications

| P/N | Measured Value(OHM) | Test Frequency |
|-----|---------------------|----------------|
| 09  | 20 MIN.             | 25 MHz         |
|     | 40 MIN.             | 100 MHz        |
| 15  | 20 MIN.             | 25 MHz         |
|     | 30 MIN.             | 100 MHz        |
| 25  | 20 MIN.             | 25 MHz         |
|     | 40 MIN.             | 100 MHz        |
| 37  | 28 MIN.             | 25 MHz         |
|     | 28 MIN.             | 100 MHz        |

### Ordering Information:

**DDPFXR - B 25 P / B 25 S - A 4NJ - CT**  
1 2 3 4 5 6 7 8 9 10

- Series  
DDPFXR-Dual Port D-Sub Right Angle with Ferrite  
HTDDPFXR-Reflow Compatible Version
- Shell Size  
E-9 Contacts  
A-15 Contacts  
B-25 Contacts  
C-37 Contacts
- Number of Contacts Per Port  
9,15,25,37
- Contact Type  
P-Pin Contact(Plug)  
S-Socket Contact(Receptacle)
- Shell Size  
E-9 Contacts  
A-15 Contacts  
B-25 Contacts  
C-37 Contacts
- Number of Contacts Per Port
- Contact Type
- Center to Center Distance
- Mounting Options
- Plating Options  
AT-30u" Gold In Contact Area  
BT-15u" Gold In Contact Area  
CT-Gold Flash



## ◆ Dual Port Right Angle with Ferrite

### Feature:

- ◆ Industry Standard Compatibility
  - ◆ Durable Metal Shell Design
  - ◆ Precision Formed Bifurcated Contacts
  - ◆ Variety of Mating and Mounting Options
  - ◆ Plug and Socket available in 9,15,25, and 37 Positions
- PC99 Colors available:  
 Pantone#322C(Teal)-9pos, Male  
 Pantone#131C(Gold)-15pos, Female  
 Pantone#235C(Burgundy)-25pos, Female

### Physical:

- ◆ Shell  
Steel Material, Nickel Finish
- ◆ Housing  
Standard: PCB Thermoplastic, Black Color, 30% Glass Filled, 94V-0 Rated  
Reflow Compatible: High Temperature Thermoplastic, Black Color, 30% Glass Filled, 94V-0 Rated
- ◆ Contact Material  
Pin: Brass.  
Socket: Phosphor Bronze
- ◆ Contact Plating  
Gold Flash (15 and 30u" Optional) Over Nickel on Contact.  
Tin Over Nickel or Gold Flash Over Nickel on Solder Tails
- ◆ Riveted Insert  
Brass Material, Nickel Finish

### Mechanical Specifications:

- ◆ Contact Extraction Force  
1 Kg Min.
- ◆ Contact Insertion Force  
5.5 Kg Max.
- ◆ Durability  
5000 Mating Cycles Min.
- ◆ Operating Temperature Rating  
-55°C to +125°C

### Electrical Specifications:

- ◆ Contact Current Rating  
5 Amps
- ◆ Contact Resistance  
20 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage  
1000V AC Min for 1 Minute
- ◆ Insulation Resistance  
5000 Megohms Min.

### Mounting Options

| Standard                                                                  | 4N Option                                                      | R Option                                                                                                        |
|---------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <p>(4) 4-40 Riveted Threaded Inserts</p> <p>φ3.18[.125] Mounting Hole</p> | <p>(4) 4-40 Riveted Threaded Inserts</p> <p>(4) Boardlocks</p> | <p>φ5.00[.197]</p> <p>6.00 [.236]</p> <p>φ3.18[.125] Mounting Hole</p> <p>(4) 4-40 Round Riveted Jackscrews</p> |
| J Option                                                                  | 4NJ Option                                                     | 4NR Option                                                                                                      |
| <p>(4) 4-40 HEX Jackscrew Installed</p> <p>φ3.18[.125] Mounting Hole</p>  | <p>(4) 4-40 HEX Jackscrew Installed</p> <p>(4) Boardlocks</p>  | <p>φ5.00[.197]</p> <p>6.00 [.236]</p> <p>(4) Boardlocks</p> <p>(4) 4-40 Round Riveted Jackscrews</p>            |