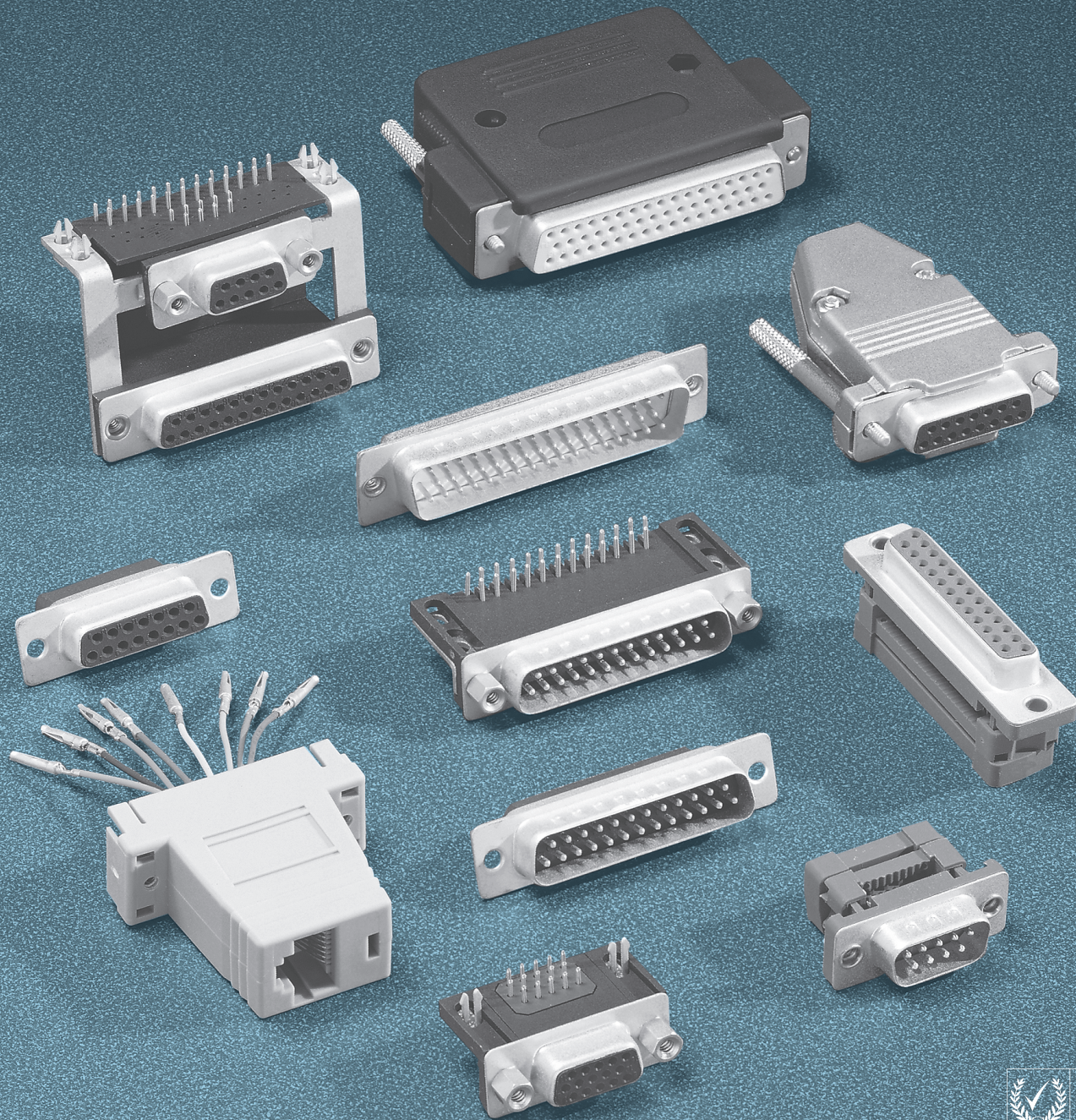




# D-SUB CONNECTORS



*Power Dynamics filtered and unfiltered D-Sub miniature connectors are low-cost, space-saving components used in a wide variety of applications. They are available in standard 9, 15, 25, 37 pins, high density 15, 26, 44, 62, pins, and stackable versions. Termination types include P.C.B., solder cup, and I.D.C. Power Dynamics filtered D-Subs have integrated ferrite plates. All PDI D-Subs carry the  and  safety approvals.*



**PDI**<sup>®</sup>  
Power Dynamics, Inc.

# EXAMPLE & ORDERING CODE

RIGHT ANGLE, P.C.B. PDI - **15** - **S** - **9** - **J** -  -

NUMBER OF PINS:  
 = 09  
 = 15  
 = 25  
 = 37

GENDER:  
 MALE = S  
 FEMALE = R

FOOT PRINT LENGTH:  
 7.2mm = BLANK  
 5.34mm = 5  
 9.4mm = 9  
 13.84mm = 13  
 9.4mm RECESSED BOARD LOCK = 9L  
 13.84mm RECESSED BOARD LOCK = 13L

MATING FACE:  
 4-40 THREADED RIVET = BLANK  
 JACK SCREW 4-40 THREAD = J  
 RIVETED HEX STANDOFF = K  
 4-40 THREADED RIVET AND JACK SCREW (UNASSEMBLED) = P  
 4-40 THREADED RIVET AND JACK SCREW = R

P.C.B. FACE:  
 BOARD LOCK = BLANK  
 HOLE = H  
 THREADED HOLE = T  
 NO GROUNDING STRAP = Z

GOLD PLATING:  
 (XX is gold in micro inches) = GXX  
 GOLD FLASH (STANDARD) = BLANK

## SPECIFICATIONS

### MATERIAL AND FINISH:

**Shell:**  
 Material: Steel  
 Plating: Tin  
 Thickness: Base Copper: 40µ"  
 Tin: 80-120µ"

**Contacts:**  
 Material: Brass (male)  
 Phosphor Bronze (female)  
 Plating: Gold Plate or Tin over Nickel  
 Thickness: Gold Flash  
 40µ" Nickel base  
 80-100µ" Tin

**Insulator:**  
 P.B.T. and glass-fiber reinforced  
 UL 94V-0

**Mechanical:**  
 Mating Force: **9 PIN 15 PIN 25 PIN 37 PIN**  
 minimum: 1.5 kg 2.0 kg 3.0 kg 3.0 kg  
 maximum: 5.0 kg 7.0 kg 8.0 kg 12.0 kg

Unmating Force: **9 PIN 15 PIN 25 PIN 37 PIN**  
 minimum: 1.5 kg 2.0 kg 3.5 kg 3.5 kg  
 maximum: 5.0 kg 7.0 kg 8.0 kg 12.0 kg

### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
 3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
 1000 VA for 1 minute  
**Temperature:** -55°C to 105°C



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# Board Mount Options, Right Angle

## P.C.B. FACE OPTIONS

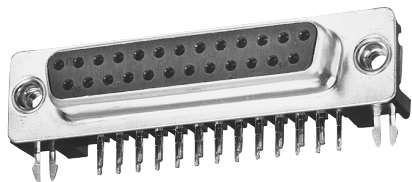
MATING FACE OPTIONS

	BOARD LOCK	HOLE	THREADED HOLE
JACK SCREW 4-40 THREAD			
4-40 THREADED RIVET AND JACK SCREW			
4-40 THREADED RIVET			
RIVETED HEX STANDOFF			

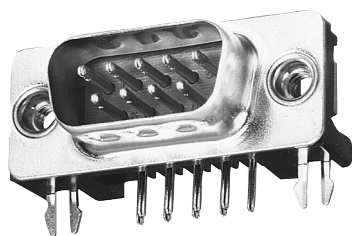
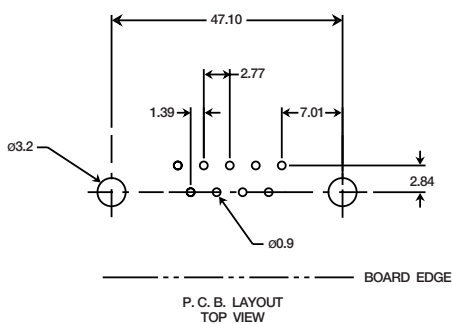
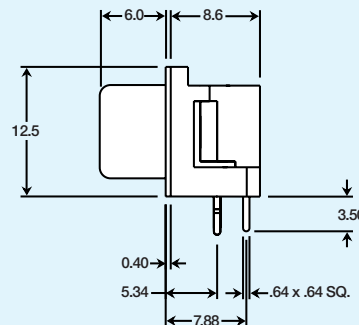
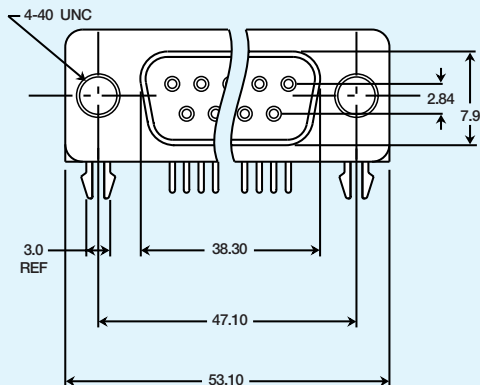
7

D-SUB CONNECTORS

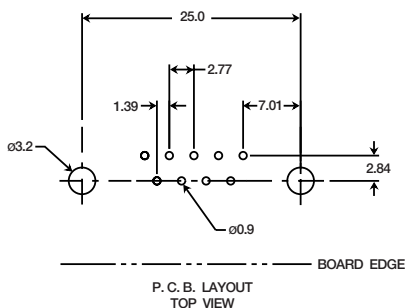
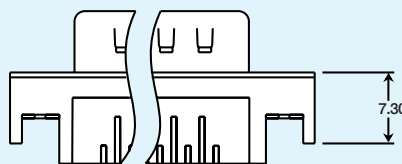
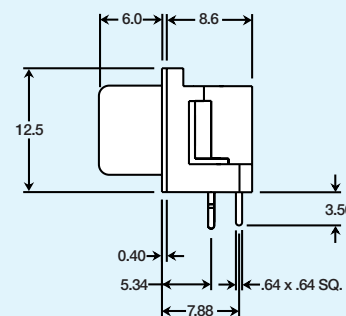
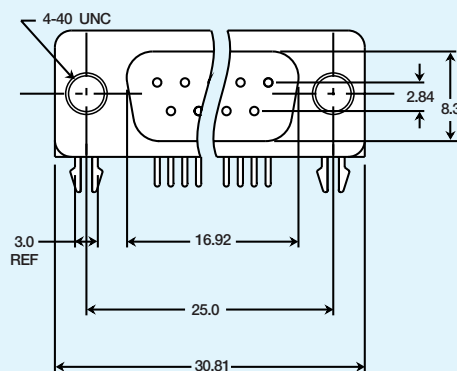
# Right Angle, P.C.B., 5.0mm Footprint



PDI-25R-5



PDI-09S-5



Specifications subject to change without notice. Dimensions in mm.

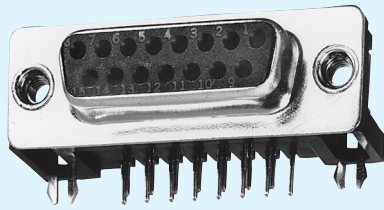
7

D-SUB CONNECTORS

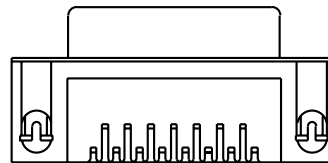
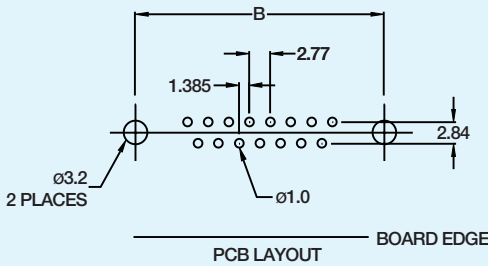
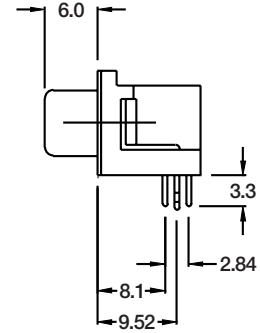
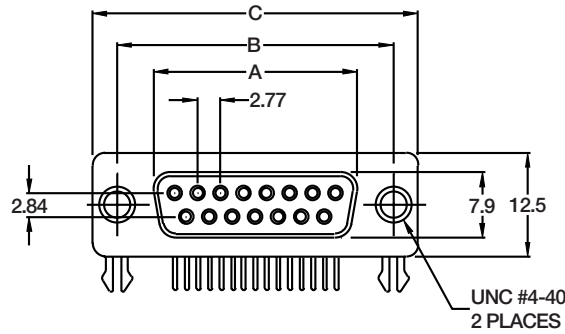


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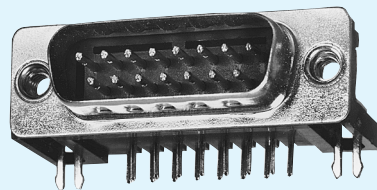
# Right Angle, P.C.B., 7.2mm Footprint



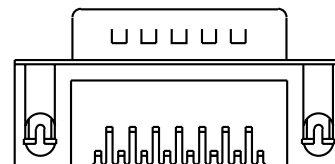
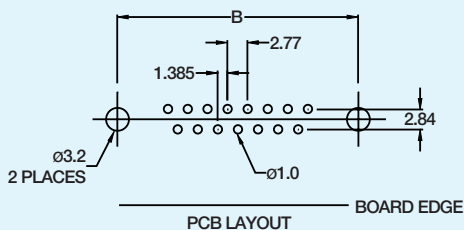
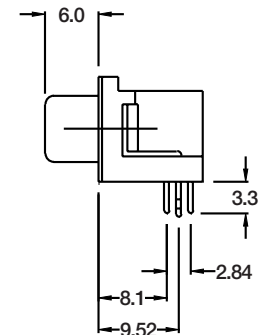
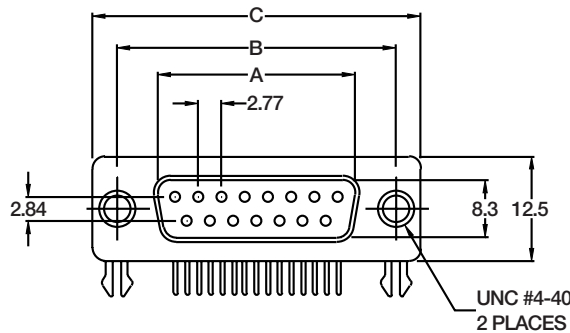
PDI-15R  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40



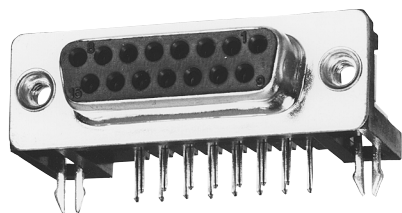
PDI-15S  
(shown)



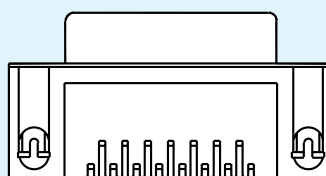
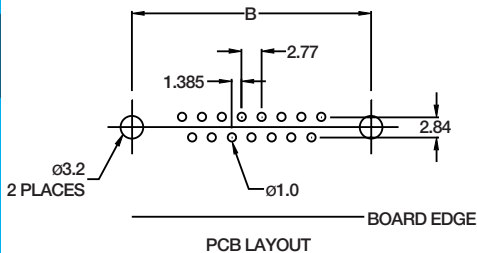
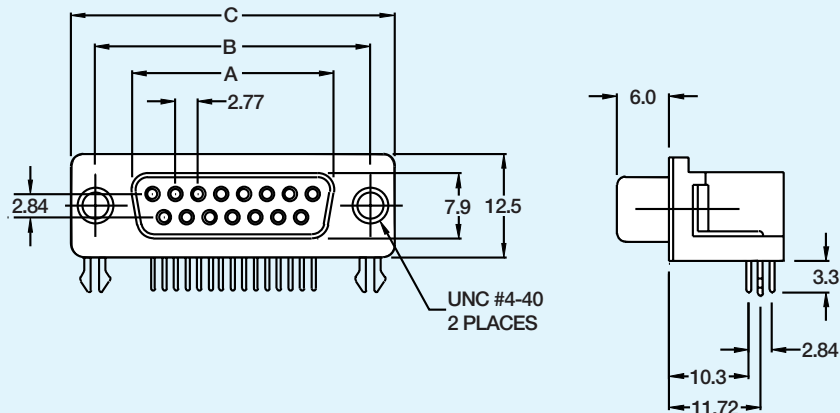
	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

Specifications subject to change without notice. Dimensions in mm.

# Right Angle, P.C.B., 9.4mm Footprint



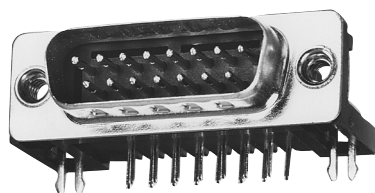
PDI-15R-9  
(shown)



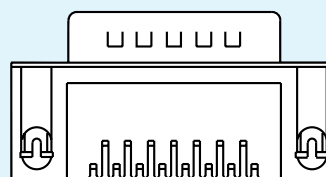
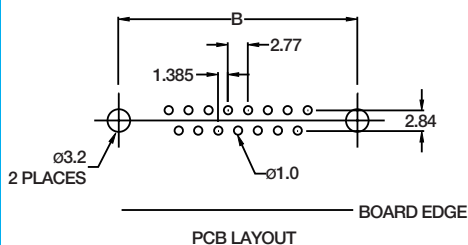
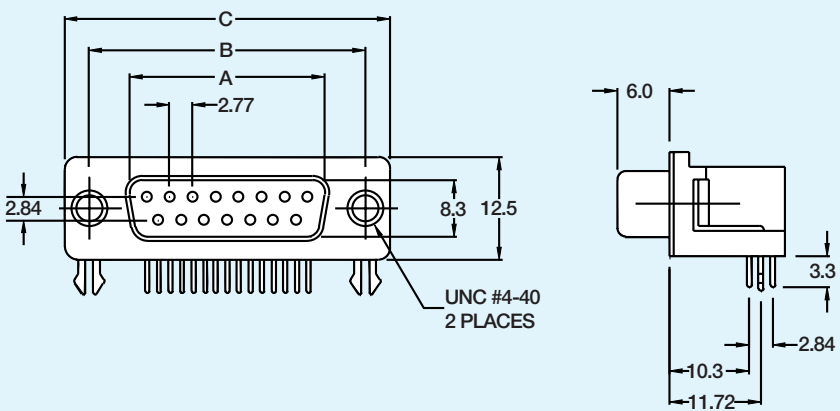
NUMBER OF PINS				
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

7

D-SUB CONNECTORS



PDI-15S-9  
(shown)



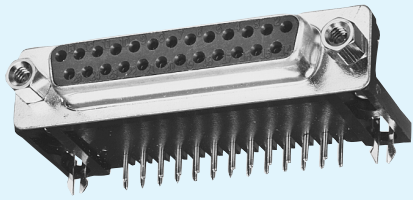
NUMBER OF PINS				
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

Specifications subject to change without notice. Dimensions in mm.

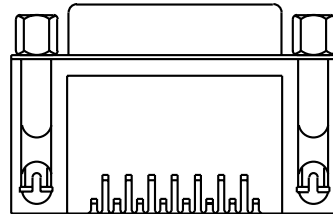
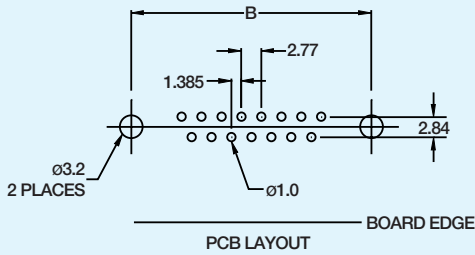
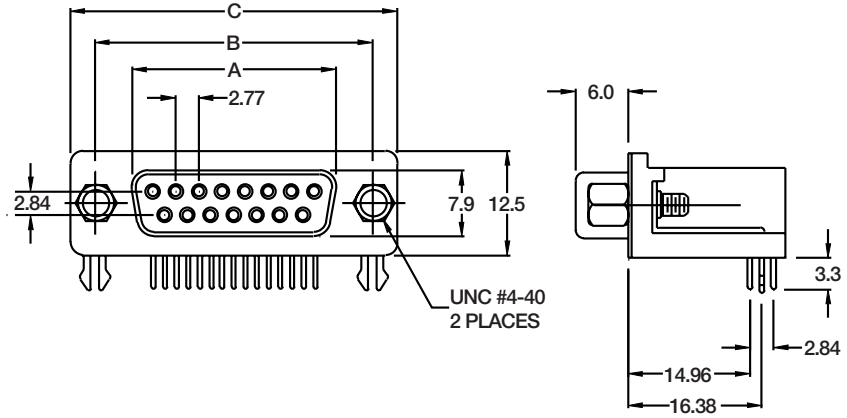


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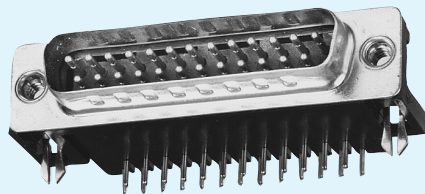
# Right Angle, P.C.B., 13.84mm Footprint



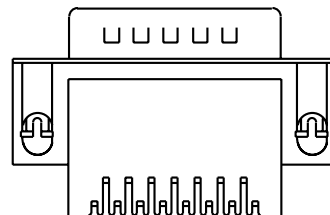
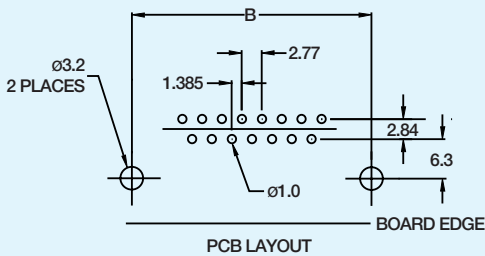
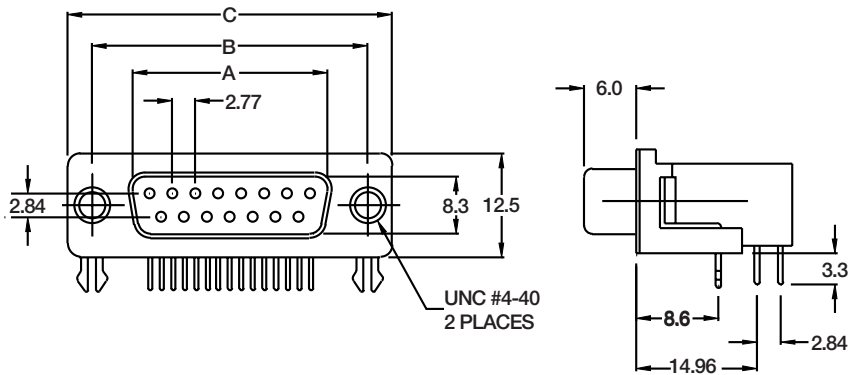
PDI-25R-13-J  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40



PDI-25S-13L  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

Specifications subject to change without notice. Dimensions in mm.

# EXAMPLE & ORDERING CODE

HIGH DENSITY,  
RIGHT ANGLE, P.C.B.

PDI - **15** **S** H-  - **J** **H**

NUMBER OF PINS:	= 15 = 26 = 44 = 62
GENDER:	MALE = S FEMALE = R
FOOT PRINT LENGTH:	11.26mm = BLANK 5.34mm = 5
MATING FACE:	4-40 THREADED RIVET = BLANK JACK SCREW 4-40 THREAD = J RIVETED HEX STANDOFF = K 4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED) = P 4-40 THREADED RIVET AND JACK SCREW = R
P.C.B. FACE:	BOARD LOCK = BLANK HOLE = H THREADED HOLE = T NO GROUNDING STRAP = Z
GOLD PLATING: (XX is gold in micro inches)	= GXX
GOLD FLASH (STANDARD)	= BLANK

## SPECIFICATIONS

### MATERIAL AND FINISH:

#### Shell:

Material: Steel  
Plating: Tin  
Thickness: Base Copper: 40µ"  
Tin: 80~120µ"

#### Contacts:

Material: Brass (male)  
Phosphor Bronze (female)  
Plating: Gold Plate or Tin over Nickel  
Thickness: Gold Flash  
40µ" Nickel base  
80~100µ" Tin

#### Insulator:

P.B.T. and glass-fiber reinforced  
UL 94V-0

#### Mechanical:

Mating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.0 kg	3.0 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg
Unmating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.5 kg	3.5 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg

### ELECTRICAL SPECIFICATIONS:

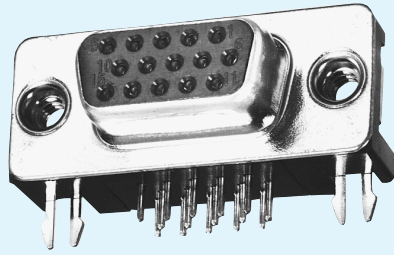
**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
1000 VA for 1 minute  
**Temperature:** -55°C to 105°C



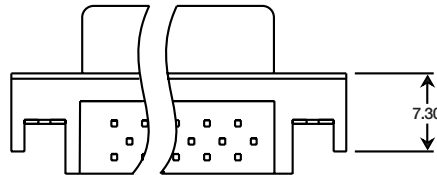
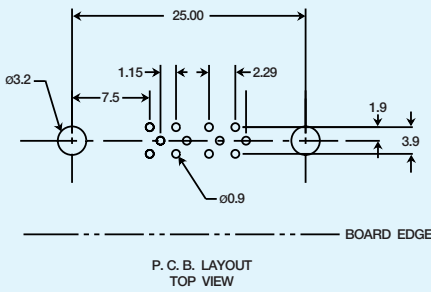
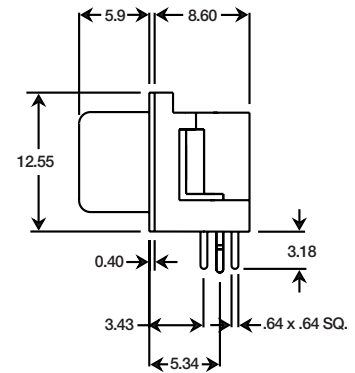
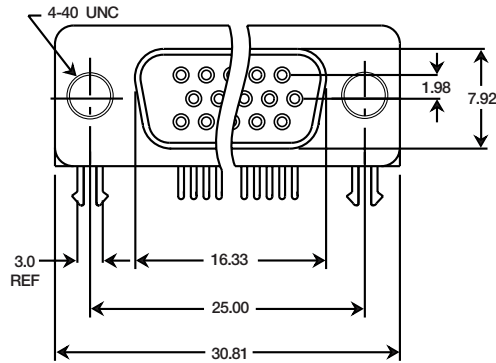
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# High Density, Right Angle, P.C.B., 5.0mm Footprint



PDI-15RH-5

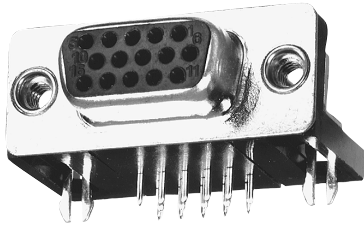


Specifications subject to change without notice. Dimensions in mm.

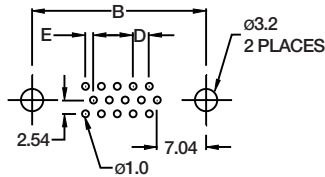
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e-mail: sales@powerdynamics.com • [www.powerdynamics.com](http://www.powerdynamics.com)



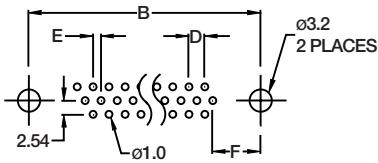
# High Density, Right Angle, P.C.B.



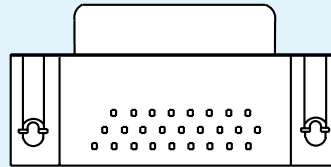
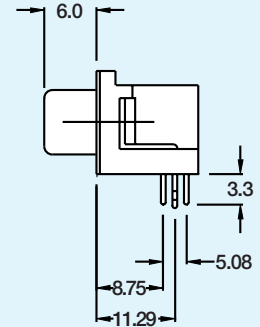
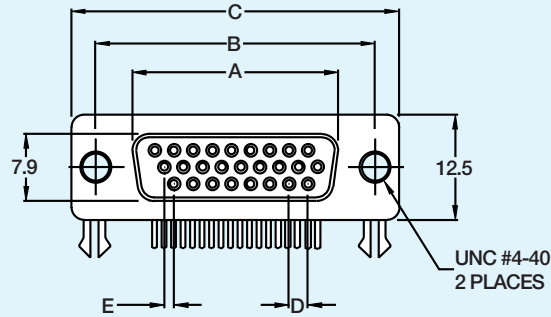
**PDI-15RH**  
(shown)



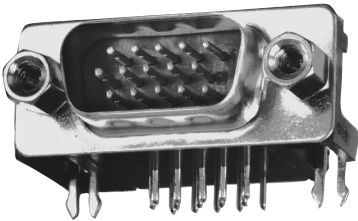
P.C. BOARD EDGE  
15 POSITION FEMALE



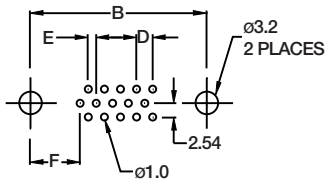
P.C. BOARD EDGE  
26, 44, 62 POSITION FEMALE



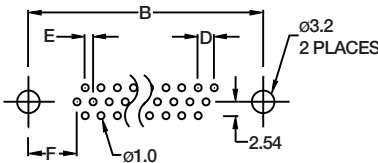
NUMBER OF PINS				
	15	26	44	62
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.145	1.145	1.145	1.205
F	7.04	6.88	6.88	7.00



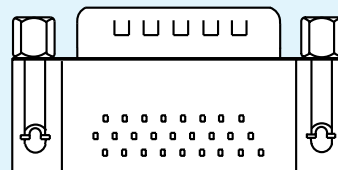
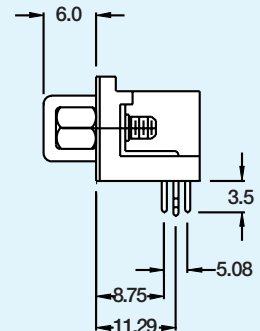
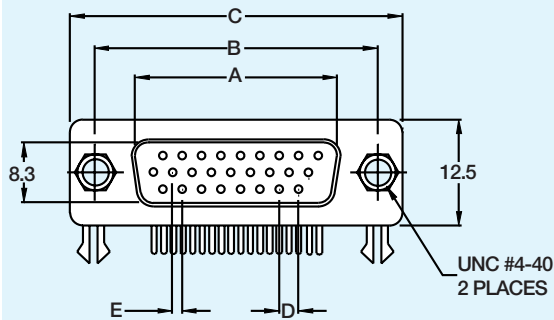
**PDI-15SH-J**  
(shown)



P.C. BOARD EDGE  
15 POSITION MALE



P.C. BOARD EDGE  
26, 44, 62 POSITION MALE



NUMBER OF PINS				
	15	26	44	62
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.145	1.145	1.145	1.205
F	7.04	6.88	6.88	7.00

Specifications subject to change without notice. Dimensions in mm.

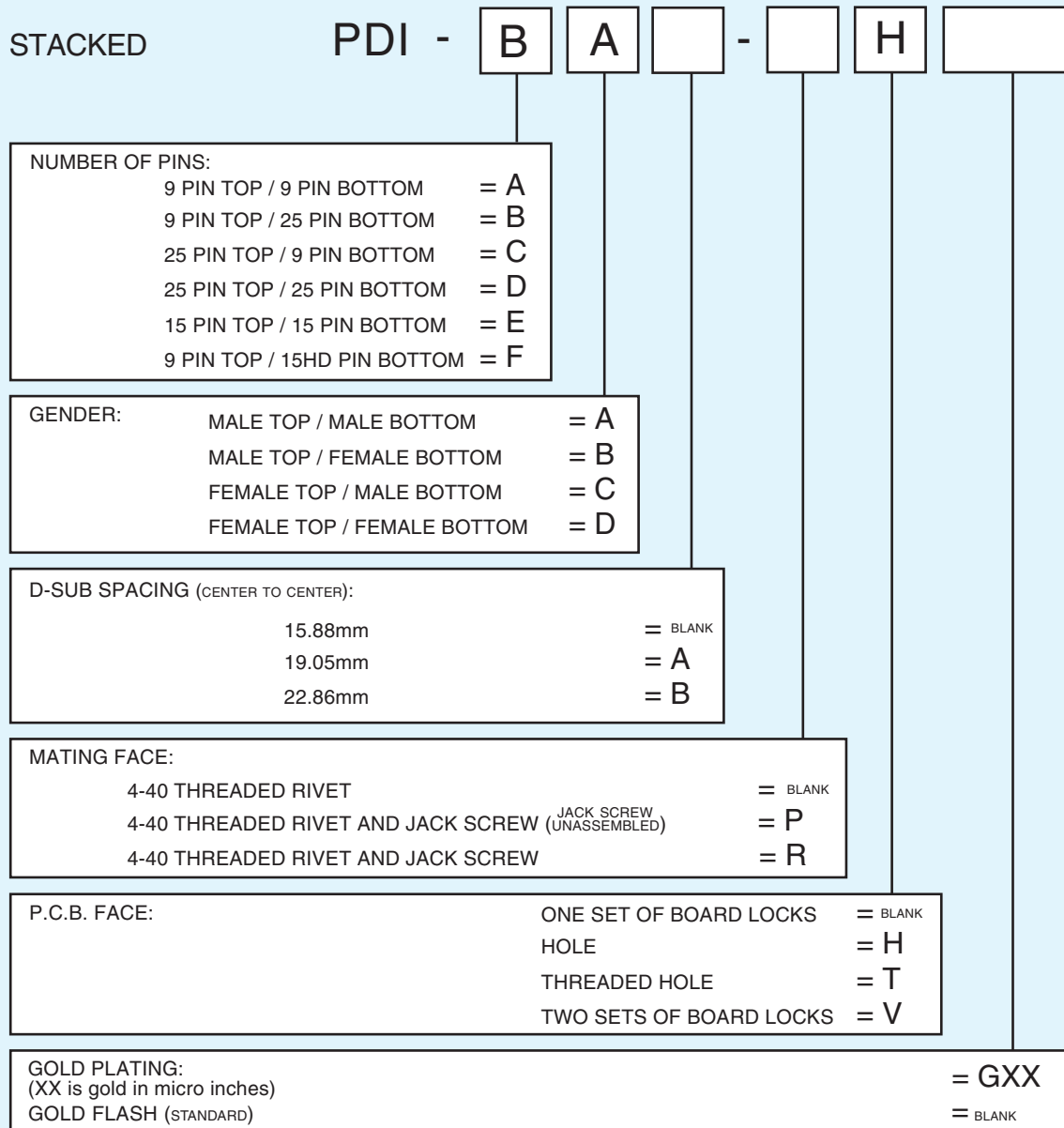
7

D-SUB CONNECTORS



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# EXAMPLE & ORDERING CODE



## SPECIFICATIONS

### MATERIAL AND FINISH:

#### Shell:

Material: Steel  
 Plating: Tin  
 Thickness: Base Copper: 40µ"  
 Tin: 80~120µ"

#### Contacts:

Material: Brass (male)  
 Phosphor Bronze (female)  
 Plating: Gold Plate or Tin  
 Thickness: Gold Flash  
 40µ" Nickel base  
 80~100µ" Tin

#### Insulator:

P.B.T. and glass-fiber reinforced  
 UL 94V-0

#### Mechanical:

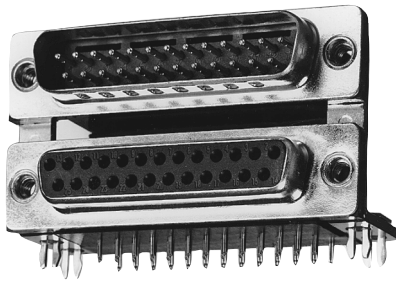
Mating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.0 kg	3.0 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg
Unmating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.5 kg	3.5 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg

### ELECTRICAL SPECIFICATIONS:

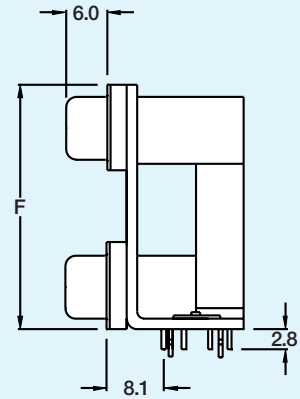
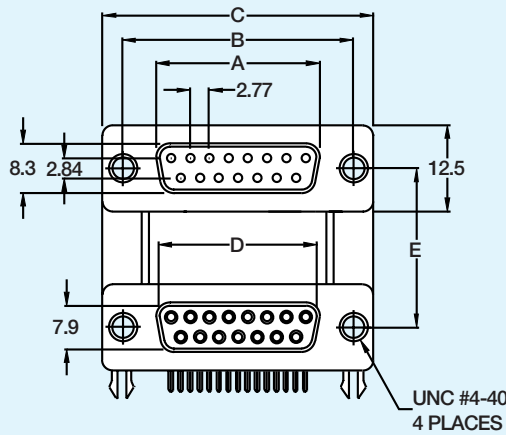
**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
 3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
 1000 VA for 1 minute  
**Temperature:** -55°C to 105°C



# Stacked

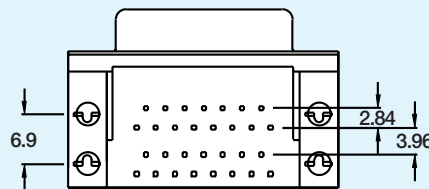
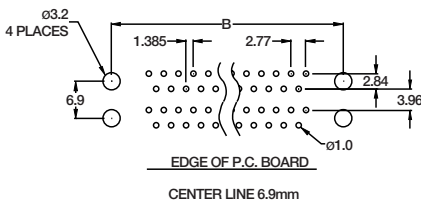


PDI-DB-V  
(shown)



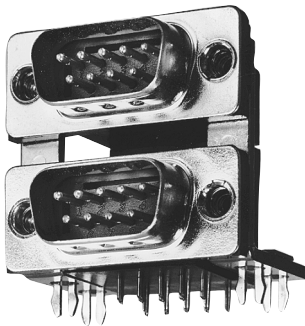
	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	16.30	24.60	38.30	54.80

	PORT TO PORT SPACING		
	E	F	G
E	15.88	19.05	22.86
F	28.38	31.55	35.36

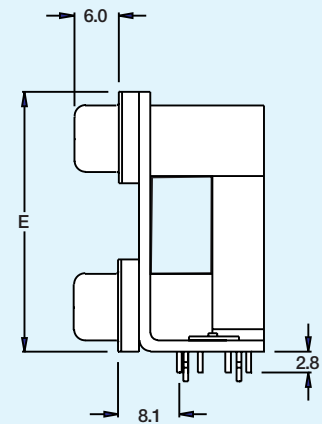
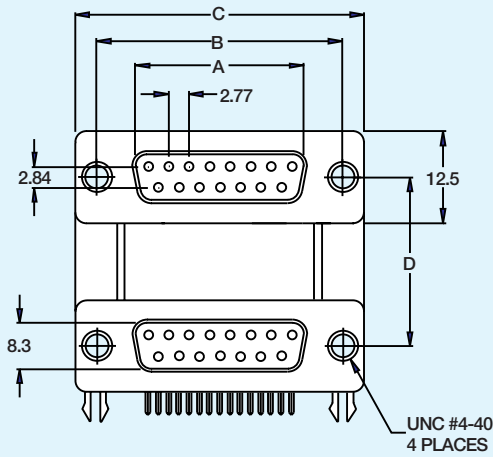


7

D-SUB CONNECTORS

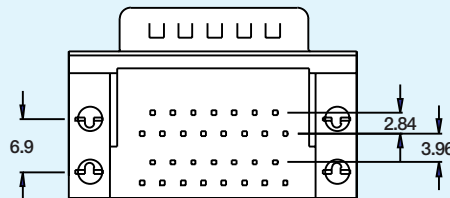
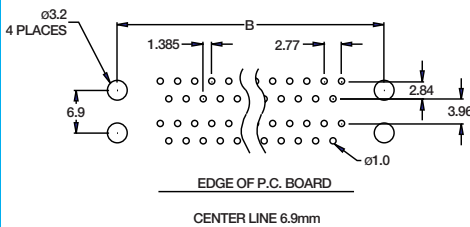


PDI-AA-V  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

	PORT TO PORT SPACING		
	D	E	F
D	15.88	19.05	22.86
E	28.38	31.55	35.36

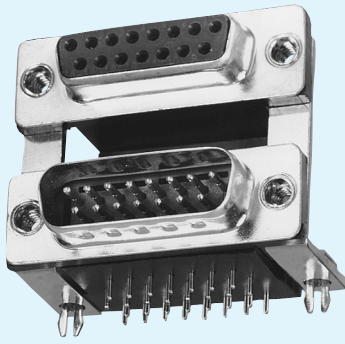


Specifications subject to change without notice. Dimensions in mm.

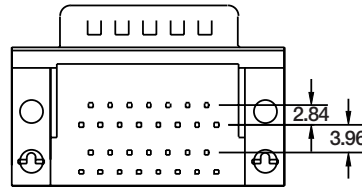
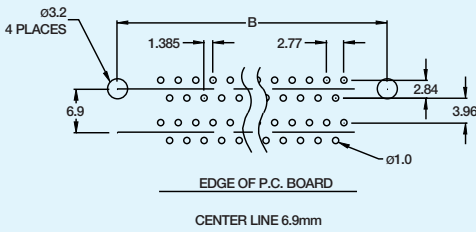
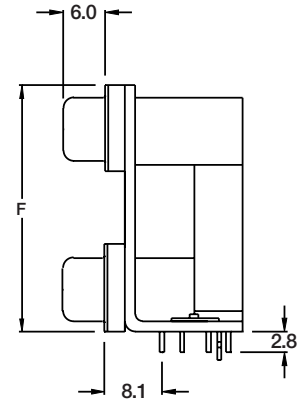
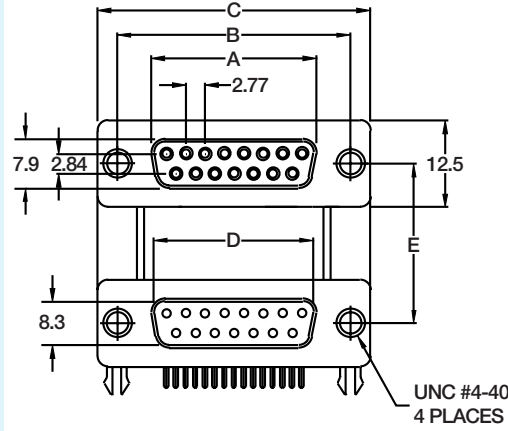


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# Stacked

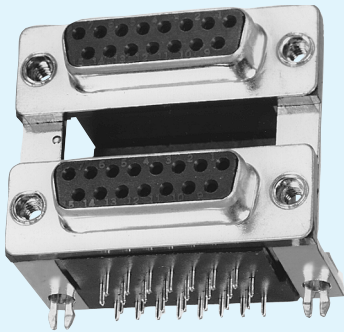


PDI-ECA  
(shown)

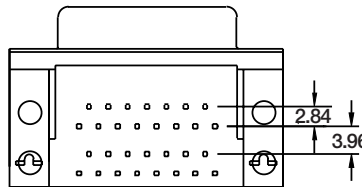
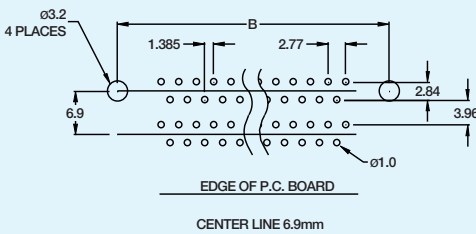
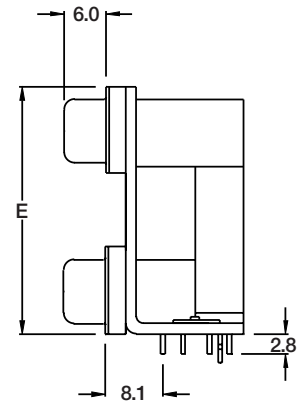
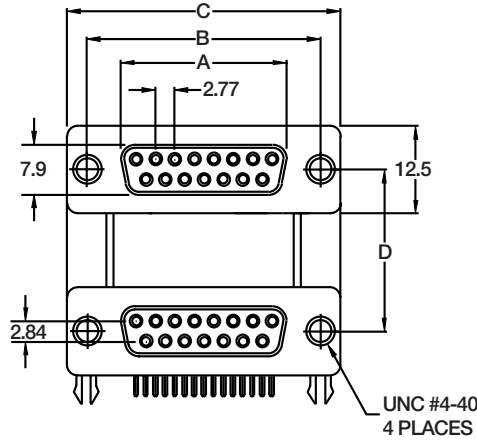


NUMBER OF PINS				
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	16.92	25.25	38.96	55.42

PORT TO PORT SPACING			
E	15.88	19.05	22.86
F	28.38	31.55	35.36



PDI-EDA  
(shown)

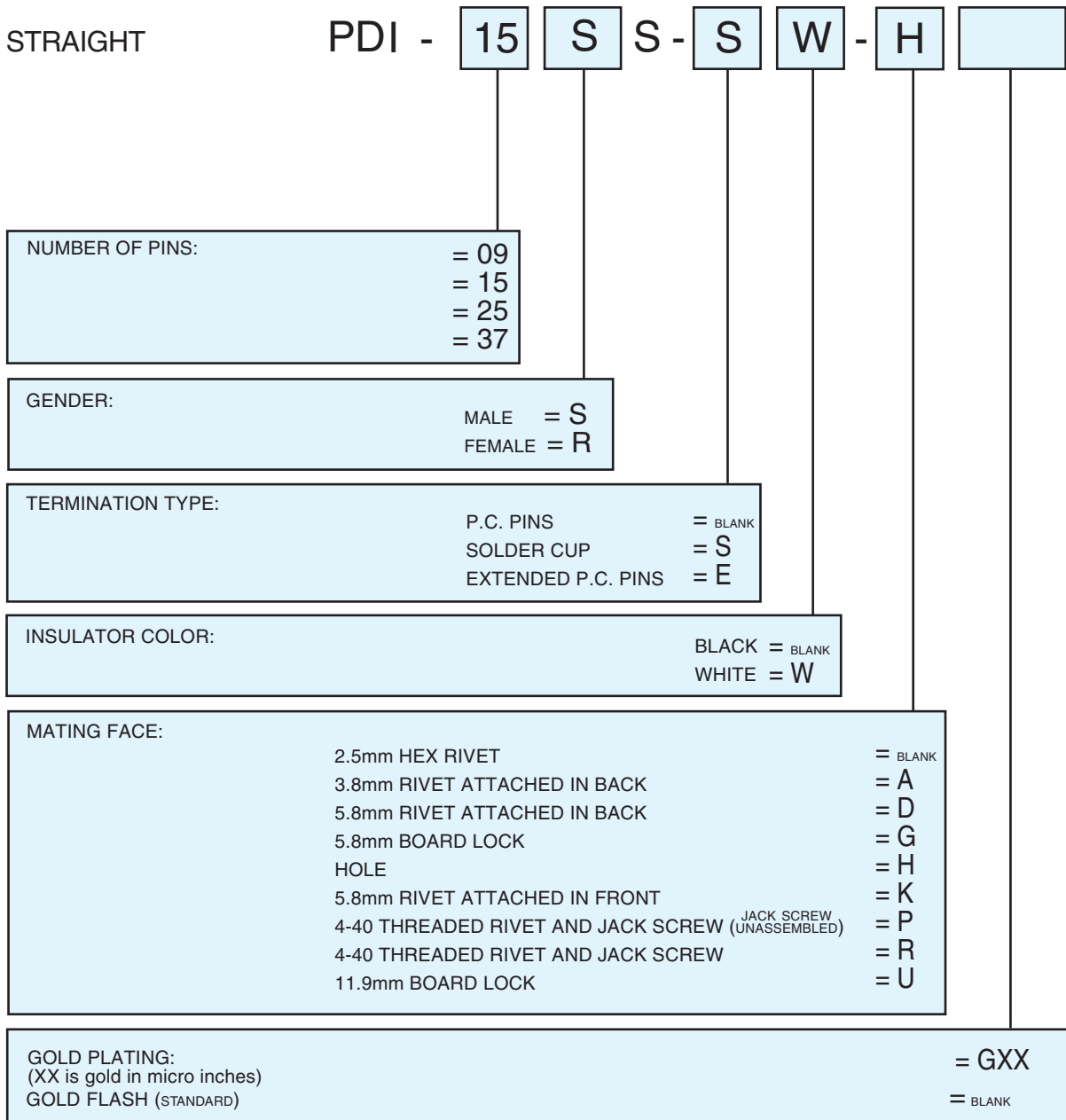


NUMBER OF PINS				
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

PORT TO PORT SPACING			
D	15.88	19.05	22.86
E	28.38	31.55	35.36

Specifications subject to change without notice. Dimensions in mm.

# EXAMPLE & ORDERING CODE



## SPECIFICATIONS

### MATERIAL AND FINISH:

**Shell:**  
Material: Steel  
Plating: Tin or Nickel  
Thickness: Base Copper: 40µ"  
Tin: 80-120µ"

**Contacts:**  
Material: Brass (male)  
Phosphor Bronze (female)  
Plating: Gold Plate or Tin  
Thickness: Gold Flash  
40µ" Nickel base  
80-100µ" Tin

### Insulator:

P.B.T. and glass-fiber reinforced  
UL 94V-0

### Mechanical:

Mating Force: **9 PIN** 1.5 kg    **15 PIN** 2.0 kg    **25 PIN** 3.0 kg    **37 PIN** 3.0 kg  
 minimum: 1.5 kg    2.0 kg    3.0 kg    3.0 kg  
 maximum: 5.0 kg    7.0 kg    8.0 kg    12.0 kg

Unmating Force: **9 PIN** 1.5 kg    **15 PIN** 2.0 kg    **25 PIN** 3.5 kg    **37 PIN** 3.5 kg  
 minimum: 1.5 kg    2.0 kg    3.5 kg    3.5 kg  
 maximum: 5.0 kg    7.0 kg    8.0 kg    12.0 kg

### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
 3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
 1000 VAC for 1 minute  
**Temperature:** -55°C to 105°C



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# Board Mount Options, Straight

## TERMINATION TYPE

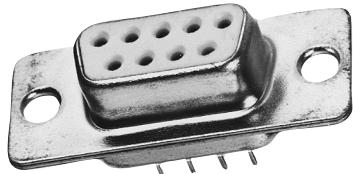
MATING FACE OPTIONS

	P.C. PINS	SOLDER CUP	EXTENDED P.C. PINS
HOLE			
5.8mm RIVET ATTACHED IN FRONT			
2.5mm HEX RIVET			
5.8mm RIVET ATTACHED IN BACK			
5.8mm BOARD LOCK			
11.9mm BOARD LOCK			

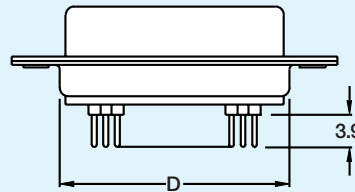
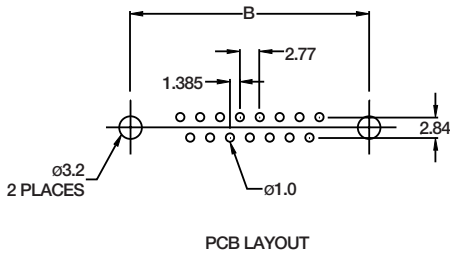
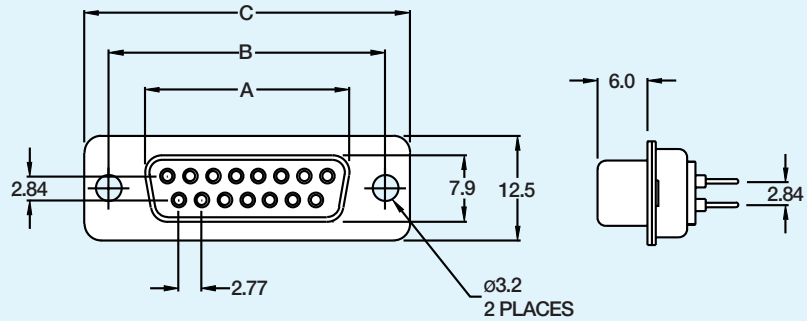
7

D-SUB CONNECTORS

# Straight, P.C. Pins



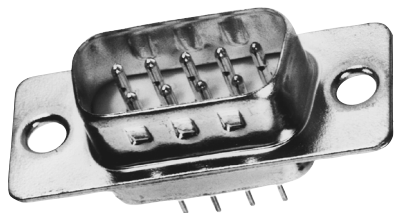
PDI-09RS-W-H  
(shown)



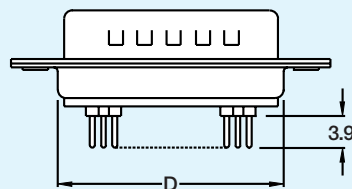
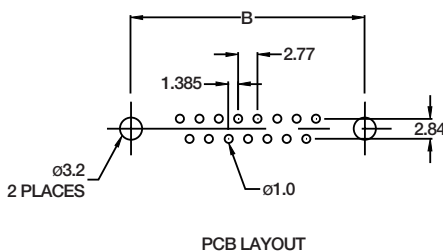
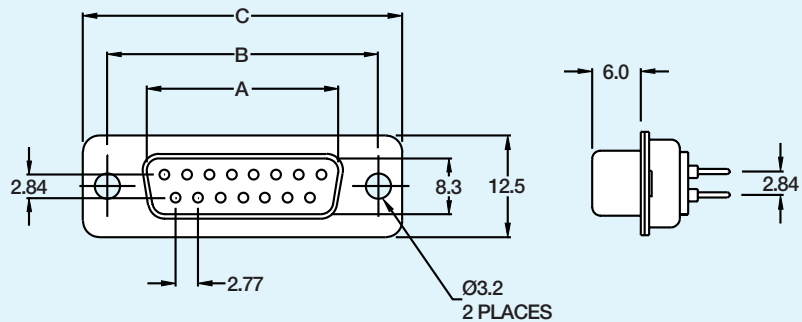
	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

7

D-SUB CONNECTORS



PDI-09SS-W-H  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

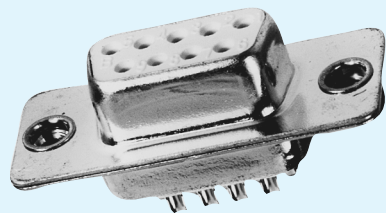
Specifications subject to change without notice. Dimensions in mm.



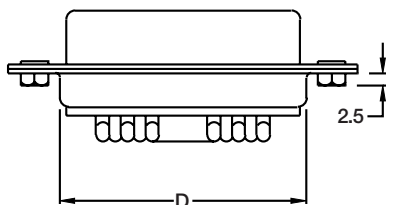
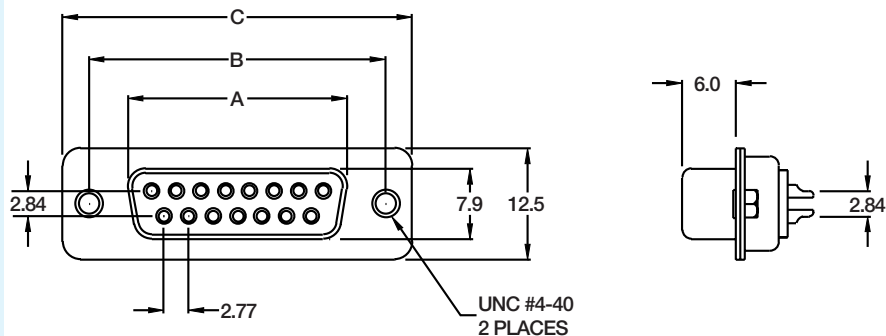
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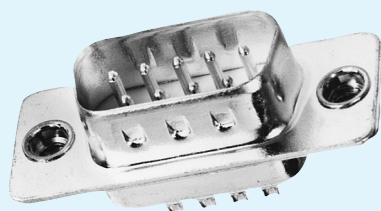
# Straight, Solder Cup



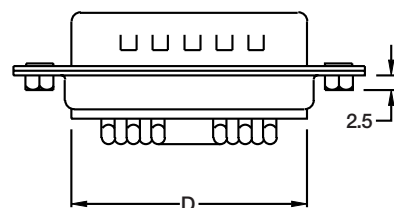
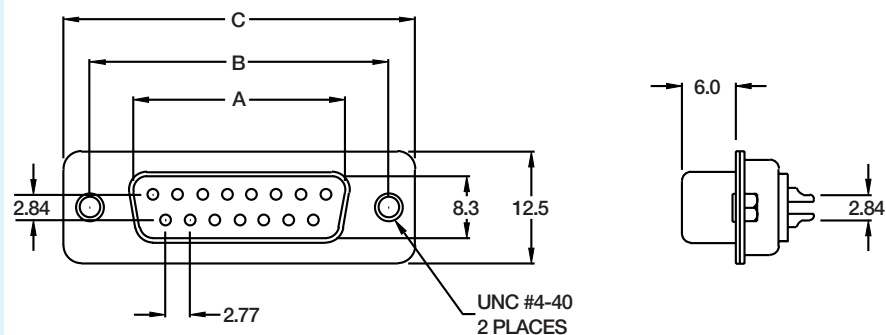
PDI-09RS-SW  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30



PDI-09SS-SW  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

Specifications subject to change without notice. Dimensions in mm.

D-Sub Covers located on pages 210 and 211.

Custom molded cables also available. See page 290.

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# EXAMPLE & ORDERING CODE

HIGH DENSITY,  
STRAIGHT

PDI - **15** **S** HS- **S** **W** - **H**

NUMBER OF PINS:	= 15 = 26 = 44 = 62																		
GENDER:	MALE = S FEMALE = R																		
TERMINATION TYPE:	P.C. PINS = BLANK SOLDER CUP = S EXTENDED P.C. PINS = E																		
INSULATOR COLOR:	BLACK = BLANK WHITE = W																		
MATING FACE:	<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">2.5mm HEX RIVET</td> <td style="text-align: right;">= BLANK</td> </tr> <tr> <td>3.8mm RIVET ATTACHED IN BACK</td> <td style="text-align: right;">= A</td> </tr> <tr> <td>5.8mm RIVET ATTACHED IN BACK</td> <td style="text-align: right;">= D</td> </tr> <tr> <td>5.8mm BOARD LOCK</td> <td style="text-align: right;">= G</td> </tr> <tr> <td>HOLE</td> <td style="text-align: right;">= H</td> </tr> <tr> <td>5.8mm RIVET ATTACHED IN FRONT</td> <td style="text-align: right;">= K</td> </tr> <tr> <td>4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)</td> <td style="text-align: right;">= P</td> </tr> <tr> <td>4-40 THREADED RIVET AND JACK SCREW</td> <td style="text-align: right;">= R</td> </tr> <tr> <td>11.9mm BOARD LOCK</td> <td style="text-align: right;">= U</td> </tr> </table>	2.5mm HEX RIVET	= BLANK	3.8mm RIVET ATTACHED IN BACK	= A	5.8mm RIVET ATTACHED IN BACK	= D	5.8mm BOARD LOCK	= G	HOLE	= H	5.8mm RIVET ATTACHED IN FRONT	= K	4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)	= P	4-40 THREADED RIVET AND JACK SCREW	= R	11.9mm BOARD LOCK	= U
2.5mm HEX RIVET	= BLANK																		
3.8mm RIVET ATTACHED IN BACK	= A																		
5.8mm RIVET ATTACHED IN BACK	= D																		
5.8mm BOARD LOCK	= G																		
HOLE	= H																		
5.8mm RIVET ATTACHED IN FRONT	= K																		
4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)	= P																		
4-40 THREADED RIVET AND JACK SCREW	= R																		
11.9mm BOARD LOCK	= U																		
GOLD PLATING: (XX is gold in micro inches)	= GXX																		
GOLD FLASH (STANDARD)	= BLANK																		

## SPECIFICATIONS

### MATERIAL AND FINISH:

**Shell:**  
 Material: Steel  
 Equivalent to ANSI 1008  
 Plating: Tin  
 Thickness: Base Copper: 40µ"  
 Tin: 80-120µ"

**Contacts:**  
 Material: Brass (male)  
 Phosphor Bronze (female)  
 Plating: Gold Plate or Tin,  
 Gold Flash  
 Thickness: 40µ" Nickel base  
 80-100µ" Tin

**Insulator:**  
 P.B.T. and glass-fiber reinforced  
 UL 94V-0

**Mechanical:**  
 Mating Force: **15 PIN 26 PIN 44 PIN 62 PIN**  
 minimum: 1.5 kg 2.0 kg 3.5 kg 3.5 kg  
 maximum: 5.0 kg 7.0 kg 8.0 kg 12.0 kg

Unmating Force: **15 PIN 26 PIN 44 PIN 62 PIN**  
 minimum: 1.5 kg 2.0 kg 3.0 kg 3.0 kg  
 maximum: 5.0 kg 7.0 kg 8.0 kg 12.0 kg

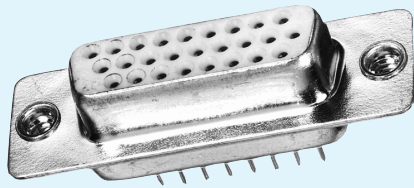
### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
 3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
 1000 VAC for 1 minute  
**Temperature:** -55°C to 105°C

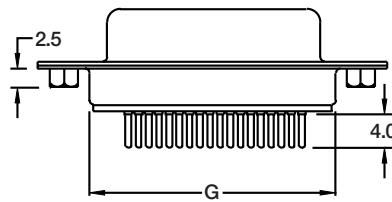
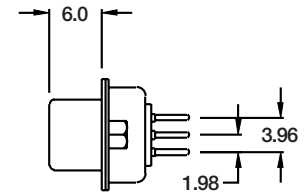
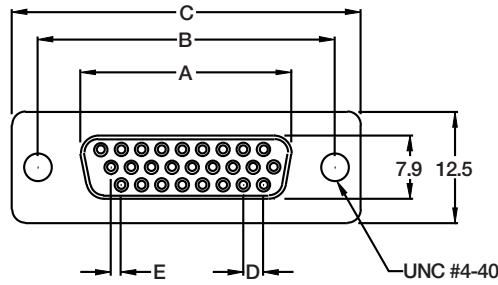
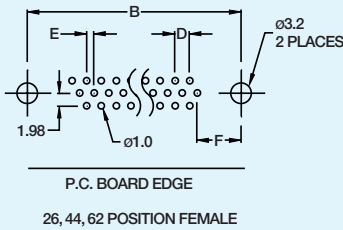
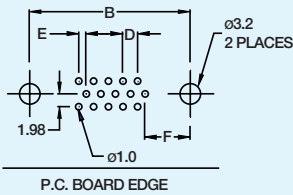


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 e-mail: sales@powerdynamics.com • [www.powerdynamics.com](http://www.powerdynamics.com)

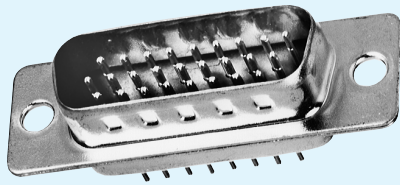
# High Density, P.C. Pins



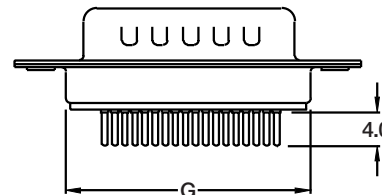
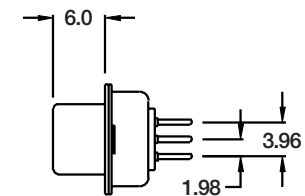
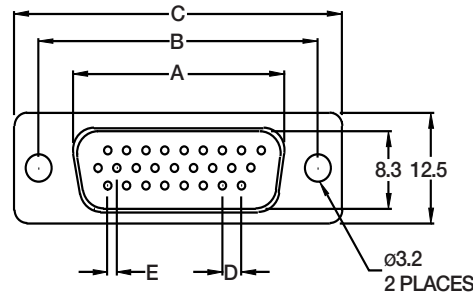
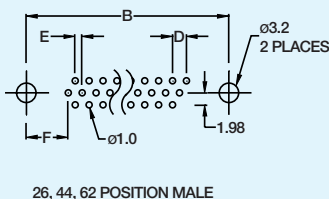
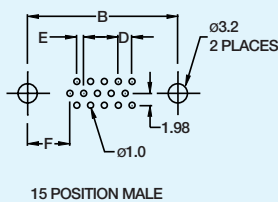
**PDI-26RHS-W**  
(shown)



	NUMBER OF PINS			
	15	26	44	62
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.14	1.14	1.14	1.20
F	7.04	6.88	6.88	7.00
G	19.20	27.70	41.10	57.30



**PDI-26SHS-H**  
(shown)



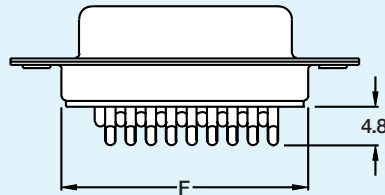
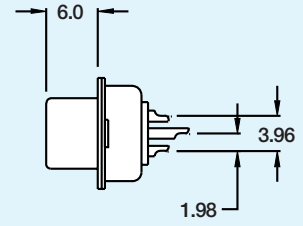
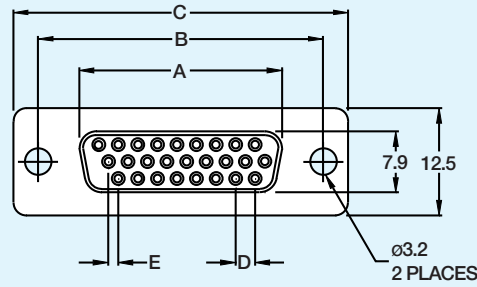
	NUMBER OF PINS			
	15	26	44	62
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.14	1.14	1.14	1.20
F	7.04	6.88	6.88	7.00
G	19.20	27.70	41.10	57.30

Specifications subject to change without notice. Dimensions in mm.

# High Density, Solder Cup



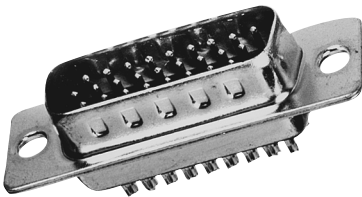
PDI-26RHS-S-H  
(shown)



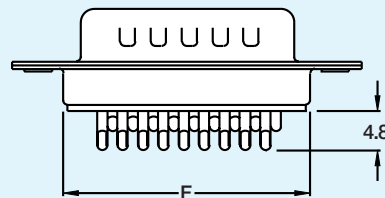
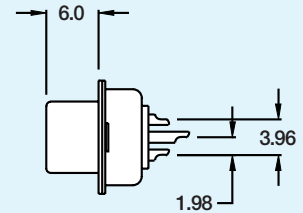
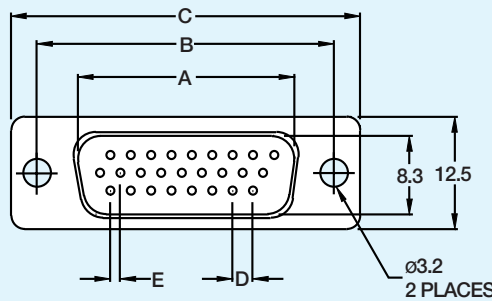
	NUMBER OF PINS			
	15	26	44	62
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.14	1.14	1.14	1.20
F	19.20	27.70	41.10	57.30

7

D-SUB CONNECTORS



PDI-26SHS-S-H  
(shown)



	NUMBER OF PINS			
	15	26	44	62
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.14	1.14	1.14	1.20
F	19.20	27.70	41.10	57.30

Specifications subject to change without notice. Dimensions in mm.

D-Sub Covers located on pages 210 and 211.

Custom molded cables also available. See page 290.



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# EXAMPLE & ORDERING CODE

CRIMP SHELLS PDI - **15** **R** **H** S - C - **H**

NUMBER OF PINS:	
STANDARD	= 9 = 15 = 25 = 37
HIGH DENSITY	= 15 = 26 = 44 = 62
GENDER:	
MALE	= S
FEMALE	= R
SPACING:	
STANDARD	= BLANK
HIGH DENSITY	= H
MATING FACE:	
2.5mm HEX RIVET	= BLANK
HOLE	= H
RIVETED HEX STANDOFF	= K
4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)	= P
4-40 THREADED RIVET AND JACK SCREW	= R

## SPECIFICATIONS

### MATERIAL AND FINISH:

#### Shell:

Material: Steel  
Plating: Tin  
Thickness: Base Copper: 40µ"  
Tin: 80~120µ"

#### Insulator:

P.B.T. and glass-fiber reinforced  
UL 94V-0

### Mechanical:

#### Standard:

Mating Force: **9 PIN** **15 PIN** **25 PIN** **37 PIN**  
minimum: 1.5 kg 2.0 kg 3.0 kg 3.0 kg  
maximum: 5.0 kg 7.0 kg 8.0 kg 12.0 kg

Unmating Force: **9 PIN** **15 PIN** **25 PIN** **37 PIN**  
minimum: 1.5 kg 2.0 kg 3.5 kg 3.5 kg  
maximum: 5.0 kg 7.0 kg 8.0 kg 12.0 kg

#### Mechanical:

#### High Density:

Mating Force: **15 PIN** **26 PIN** **44 PIN** **62 PIN**  
minimum: 3.0 kg 3.5 kg 4.0 kg 5.0 kg  
maximum: 8.0 kg 9.0 kg 13.0 kg 18.0 kg

Unmating Force: **15 PIN** **26 PIN** **44 PIN** **62 PIN**  
minimum: 3.0 kg 3.5 kg 4.0 kg 6.0 kg  
maximum: 9.0 kg 10.0 kg 13.0 kg 18.0 kg

### ELECTRICAL SPECIFICATIONS:

Rated Current: 3A

Rated Voltage: 300 VDC

Insulator Resistance:  
3000 Megaohm min. @ 500 VDC

Contact Resistance: 15 milliohm max.

Dielectric Withstanding Strength:  
1000 VAC for 1 minute

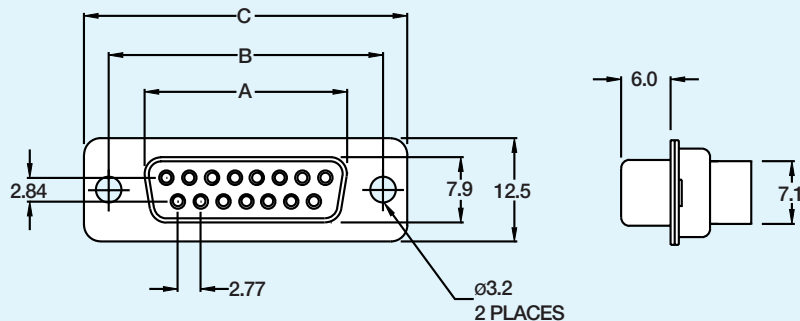
Temperature: -55°C to 105°C



# Crimp Shell



PDI-15RS-C-H  
(shown)

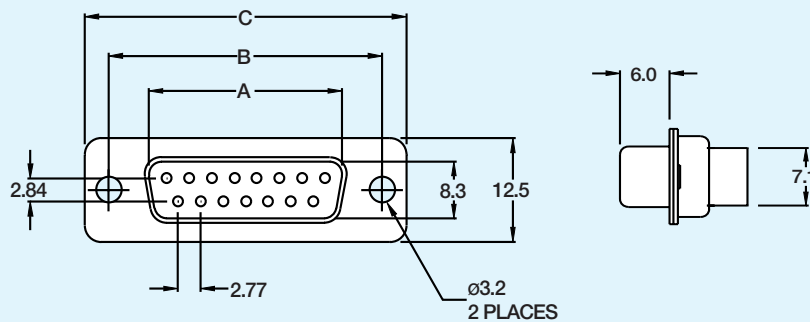


	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

See pages 196 and 197 for Crimp Pins



PDI-15SS-C-H  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

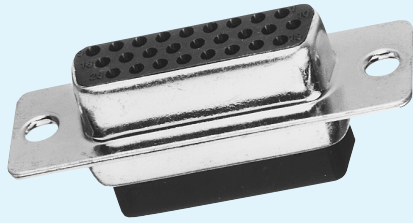
See pages 196 and 197 for Crimp Pins

Specifications subject to change without notice. Dimensions in mm.  
Custom molded cables also available. See page 290.

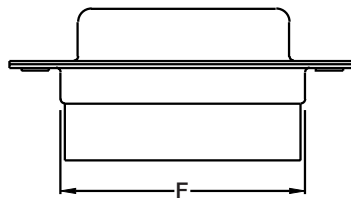
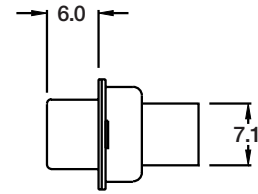
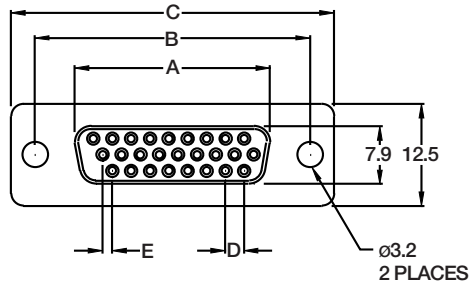


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# High Density Crimp Shell

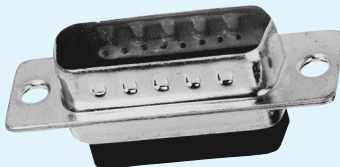


PDI-26RHS-C-H  
(shown)

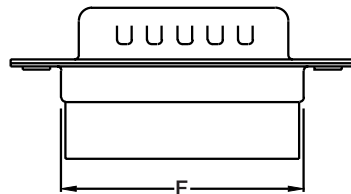
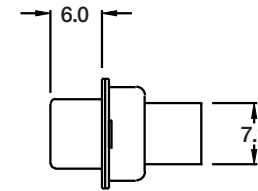
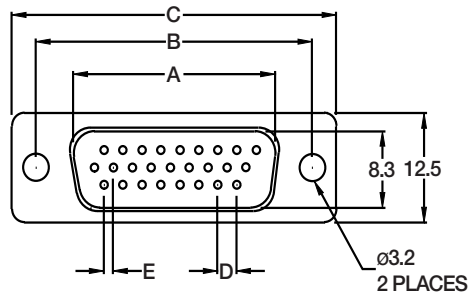


	NUMBER OF PINS			
	15	26	44	62
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.14	1.14	1.14	1.20
F	7.04	6.88	6.88	7.00
G	19.20	27.70	41.10	57.30

See pages 196 and 197 for Crimp Pins



PDI-26SHS-C-H  
(shown)



	NUMBER OF PINS			
	15	26	44	62
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.14	1.14	1.14	1.20
F	19.20	27.70	41.10	57.30

See pages 196 and 197 for Crimp Pins

Specifications subject to change without notice. Dimensions in mm.  
Custom molded cables also available. See page 290.

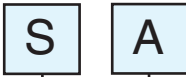
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# EXAMPLE & ORDERING CODE

CRIMP PIN REEL

PDR -



GENDER:	
MALE	= S
FEMALE	= R

WIRE GAUGE:	
20 - 22 AWG	= A
24 - 26 AWG	= B
28 - 30 AWG HIGH DENSITY	= C

## SPECIFICATIONS

**Male Contacts:**

Material: Brass  
 Plating: Gold Plate over Nickel  
 Thickness: Gold Flash  
 40µ" Nickel base

**Female Contacts:**

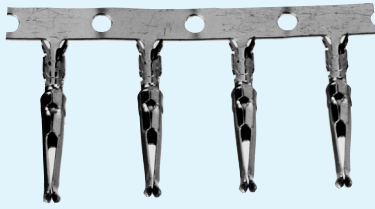
Material: Phosphor Bronze  
 Plating: Gold Plate over Nickel  
 Thickness: Gold Flash  
 40µ" Nickel base



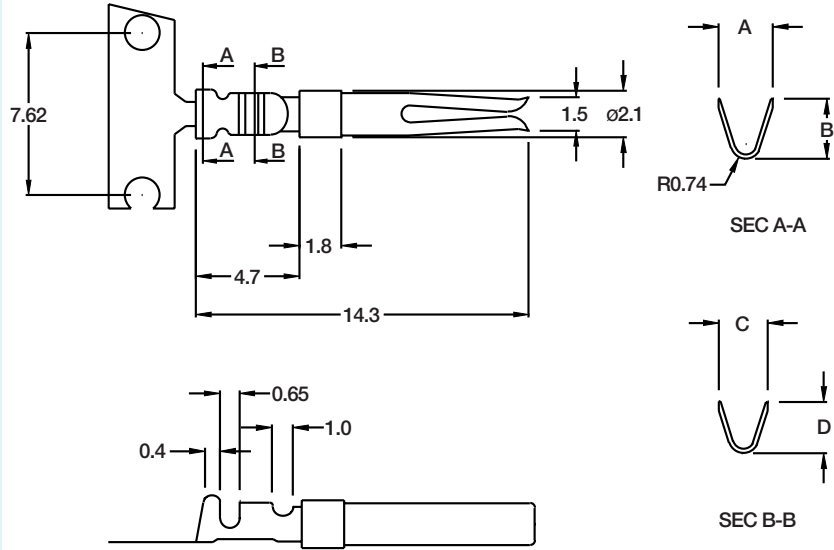
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# Crimp Pins

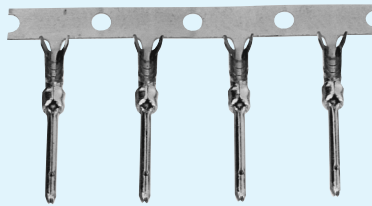


PDR-RB  
(shown)

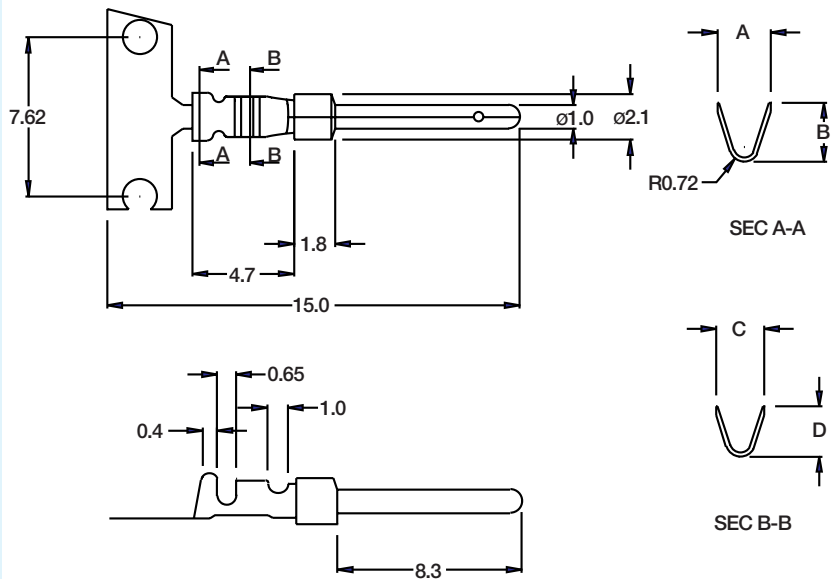


WIRE AWG	A	B	C	D
20-22 AWG	2.8	2.7	2.3	2.1
24-26 AWG	2.1	1.9	1.8	1.36

See pages 193-195 for Crimp Shells



PDR-SB  
(shown)

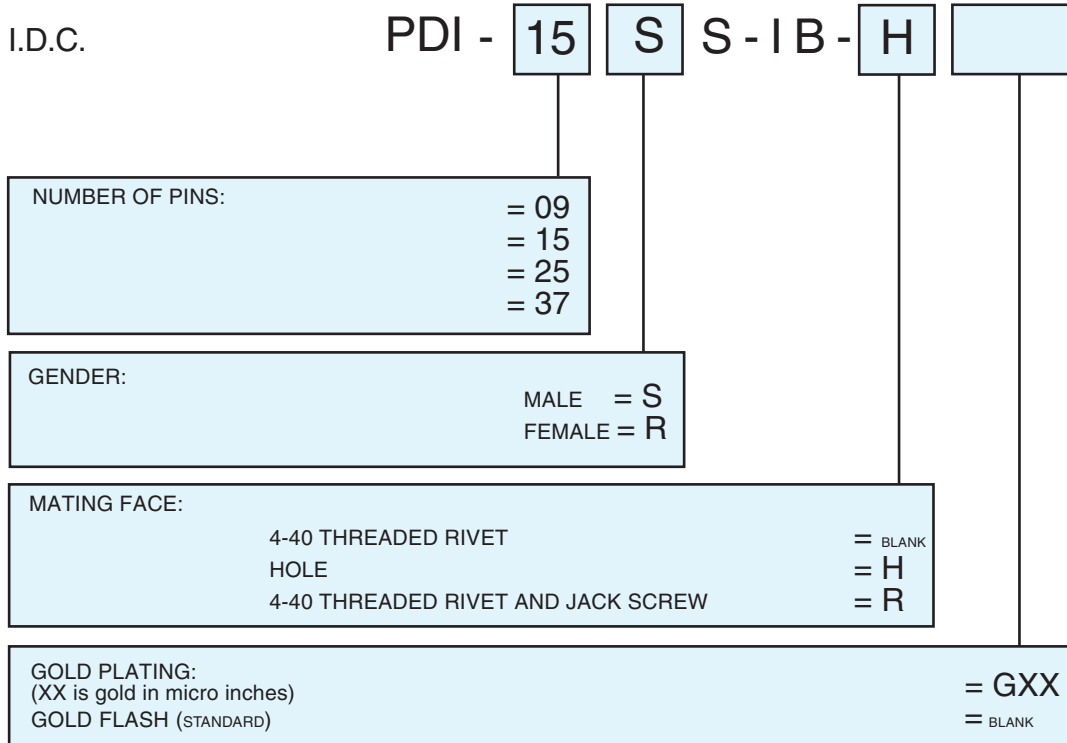


WIRE AWG	A	B	C	D
20-22 AWG	2.8	2.7	2.3	2.1
24-26 AWG	2.1	1.9	1.8	1.36

See pages 193-195 for Crimp Shells

Specifications subject to change without notice. Dimensions in mm.

# EXAMPLE & ORDERING CODE



## SPECIFICATIONS

### MATERIAL AND FINISH:

#### Shell:

Material: Steel  
Plating: Tin  
Thickness: Base Copper: 40µ"  
Tin: 80~120µ"

#### Contacts:

Material: Brass (male)  
Phosphor Bronze (female)  
Plating: Gold Plate and Tin  
Thickness: Gold Flash  
40µ" Nickel base  
80~100µ" Tin

### Insulator:

P.B.T. and glass-fiber reinforced  
UL 94V-0

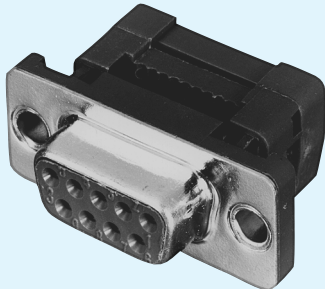
### Mechanical:

Mating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.0 kg	3.0 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg
Unmating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.5 kg	3.5 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg

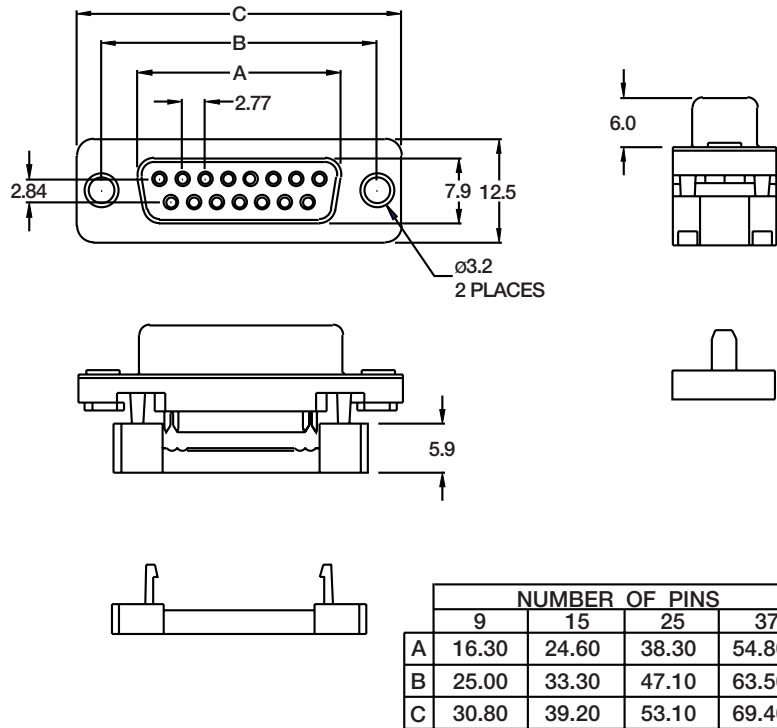
### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
1000 VAC for 1 minute  
**Temperature:** -55°C to 105°C

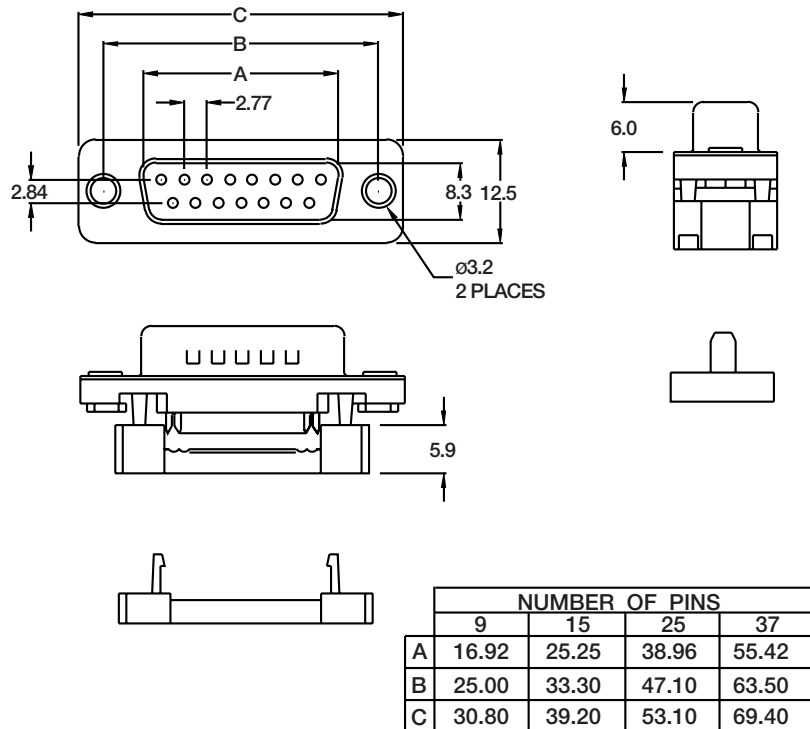




PDI-09RS-IB-H  
(shown)



PDI-09SS-IB-H  
(shown)



Specifications subject to change without notice. Dimensions in mm.  
Custom cables also available. See page 290.

# EXAMPLE & ORDERING CODE

RIGHT ANGLE, P.C.B.,  
FILTERED

PDF - 15 - S - 9 - J - [ ] - [ ]

NUMBER OF PINS:	= 09 = 15 = 25 = 37
GENDER:	MALE = S FEMALE = R
FOOT PRINT LENGTH:	7.2mm = BLANK 9.4mm = 9 13.84mm = 13
MATING FACE:	4-40 THREADED RIVET = BLANK JACK SCREW 4-40 THREAD = J RIVETED HEX STANDOFF = K 4-40 THREADED RIVET AND JACK SCREW (UNASSEMBLED) = P 4-40 THREADED RIVET AND JACK SCREW = R
P.C.B. FACE:	BOARD LOCK = BLANK HOLE = H THREADED HOLE = T NO GROUNDING STRAP = Z
GOLD PLATING: (XX is gold in micro inches)	= GXX
GOLD FLASH (STANDARD)	= BLANK

## SPECIFICATIONS

### MATERIAL AND FINISH:

**Shell:**  
Material: Steel  
Plating: Tin  
Thickness: Base Copper: 40µ"  
Tin: 80-120µ"

### Contacts:

Material: Brass (male)  
Phosphor Bronze (female)  
Plating: Gold Plate or Tin  
Thickness: Gold Flash  
40µ" Nickel base  
80-100µ" Tin

### Insulator:

P.B.T. and glass-fiber reinforced  
UL 94V-0

### Mechanical:

Mating Force:	9 PIN	15 PIN	25 PIN	37 PIN
minimum:	1.5 kg	2.0 kg	3.0 kg	3.0 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg
Unmating Force:	9 PIN	15 PIN	25 PIN	37 PIN
minimum:	1.5 kg	2.0 kg	3.5 kg	3.5 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg

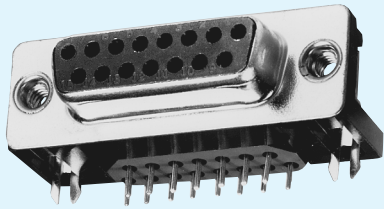
### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
1000 VAC for 1 minute  
**Temperature:** -55°C to 105°C

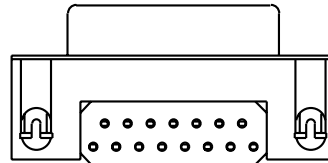
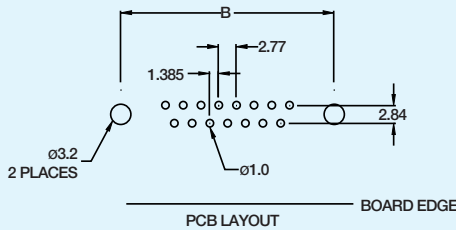
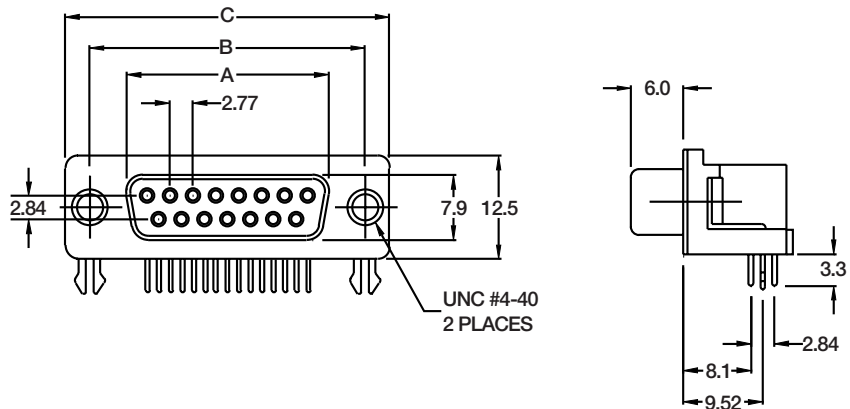


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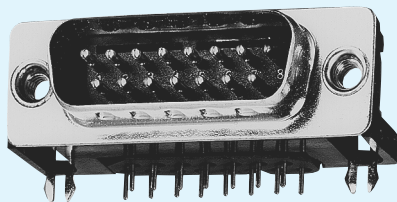
# Filtered, Right Angle, P.C.B., 7.2mm Footprint



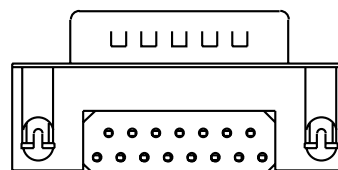
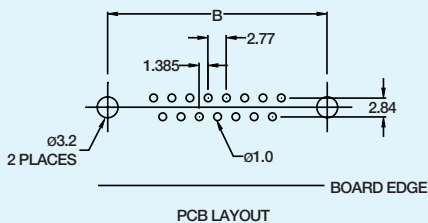
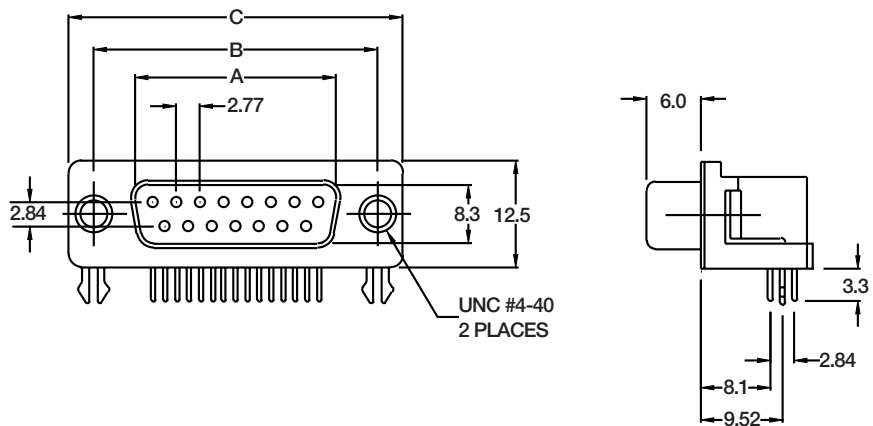
PDF-15R  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40



PDF-15S  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40

Specifications subject to change without notice. Dimensions in mm.  
See pages 208 and 209 for Attenuation Curves.

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# EXAMPLE & ORDERING CODE

FILTERED, HIGH DENSITY,  
RIGHT ANGLE, P.C.B.

PDF - **15** **S** H- **J** **H**

NUMBER OF PINS:	= 15 = 26 = 44 = 62
GENDER:	MALE = S FEMALE = R
MATING FACE:	4-40 THREADED RIVET = BLANK JACK SCREW 4-40 THREAD = J RIVETED HEX STANDOFF = K 4-40 THREADED RIVET AND JACK SCREW (UNASSEMBLED) = P 4-40 THREADED RIVET AND JACK SCREW = R
P.C.B. FACE:	BOARD LOCK = BLANK HOLE = H THREADED HOLE = T NO GROUNDING STRAP = Z
GOLD PLATING: (XX is gold in micro inches) GOLD FLASH (STANDARD)	= GXX = BLANK

## SPECIFICATIONS

### MATERIAL AND FINISH:

**Shell:**  
 Material: Steel  
 Plating: Tin  
 Thickness: Base Copper: 40µ"  
 Tin: 80-120µ"

**Contacts:**  
 Material: Brass (male)  
 Phosphor Bronze (female)  
 Plating: Gold Plate or Tin,  
 Gold Flash  
 Thickness: 40µ" Nickel base  
 80-100µ" Tin

### Insulator:

P.B.T. and glass-fiber reinforced  
 UL 94V-0

### Mechanical:

Mating Force:	<b>15 PIN</b>	<b>26 PIN</b>	<b>44 PIN</b>	<b>62 PIN</b>
minimum:	3.0 kg	3.5 kg	4.0 kg	5.0 kg
maximum:	8.0 kg	9.0 kg	13 kg	18 kg
Unmating Force:	<b>15 PIN</b>	<b>26 PIN</b>	<b>44 PIN</b>	<b>62 PIN</b>
minimum:	3.0 kg	3.5 kg	4.0 kg	6.0 kg
maximum:	9.0 kg	10 kg	13 kg	18 kg

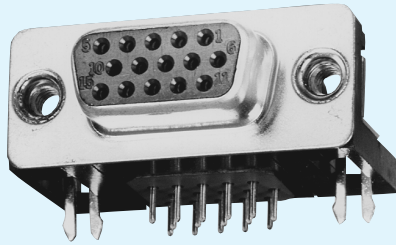
### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
 3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
 1000 VAC for 1 minute  
**Temperature:** -55°C to 105°C

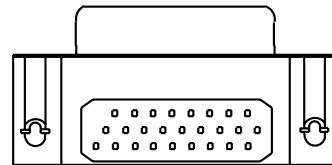
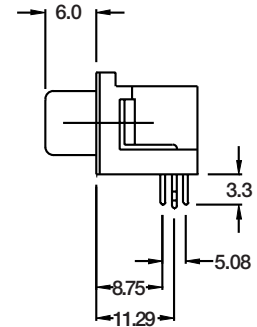
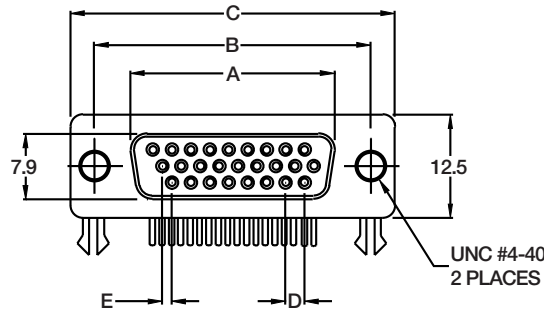
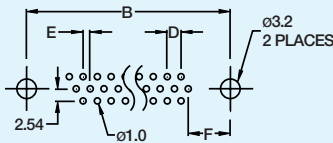
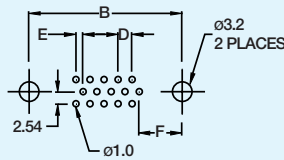


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 e-mail: sales@powerdynamics.com • [www.powerdynamics.com](http://www.powerdynamics.com)

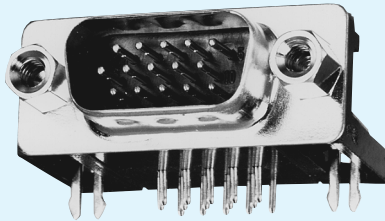
# Filtered, High Density, Right Angle



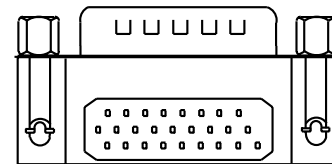
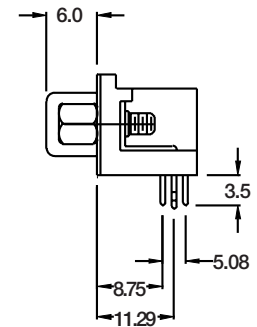
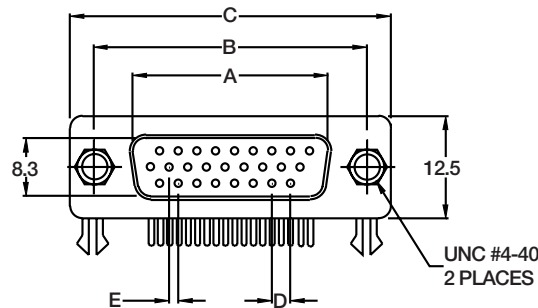
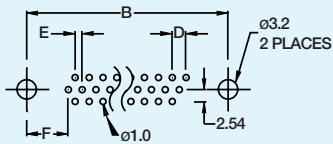
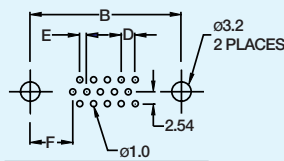
PDF-15RH  
(shown)



	NUMBER OF PINS			
	15	26	44	62
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.145	1.145	1.145	1.205
F	7.04	6.88	6.88	7.00



PDF-15SH-J  
(shown)



	NUMBER OF PINS			
	15	26	44	62
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	2.29	2.29	2.29	2.41
E	1.145	1.145	1.145	1.205
F	7.04	6.88	6.88	7.00

Specifications subject to change without notice. Dimensions in mm.  
See pages 208 and 209 for Attenuation Curves.

# EXAMPLE & ORDERING CODE

FILTERED, STRAIGHT PDF - **15** **S** **S** - **S** **W** - **H**  

NUMBER OF PINS:	= 09 = 15 = 25 = 37																		
GENDER:	MALE = S FEMALE = R																		
TERMINATION TYPE:	P.C. PINS = BLANK SOLDER CUP = S EXTENDED P.C. PINS = E																		
INSULATOR COLOR:	BLACK = BLANK WHITE = W																		
MATING FACE:	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">2.5mm HEX RIVET</td><td style="text-align: right;">= BLANK</td></tr> <tr><td>3.8mm RIVET ATTACHED IN BACK</td><td style="text-align: right;">= A</td></tr> <tr><td>5.8mm RIVET ATTACHED IN BACK</td><td style="text-align: right;">= D</td></tr> <tr><td>5.8mm BOARD LOCK</td><td style="text-align: right;">= G</td></tr> <tr><td>HOLE</td><td style="text-align: right;">= H</td></tr> <tr><td>5.8MM RIVET ATTACHED IN FRONT</td><td style="text-align: right;">= K</td></tr> <tr><td>4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)</td><td style="text-align: right;">= P</td></tr> <tr><td>4-40 THREADED RIVET AND JACK SCREW</td><td style="text-align: right;">= R</td></tr> <tr><td>11.9mm BOARD LOCK</td><td style="text-align: right;">= U</td></tr> </table>	2.5mm HEX RIVET	= BLANK	3.8mm RIVET ATTACHED IN BACK	= A	5.8mm RIVET ATTACHED IN BACK	= D	5.8mm BOARD LOCK	= G	HOLE	= H	5.8MM RIVET ATTACHED IN FRONT	= K	4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)	= P	4-40 THREADED RIVET AND JACK SCREW	= R	11.9mm BOARD LOCK	= U
2.5mm HEX RIVET	= BLANK																		
3.8mm RIVET ATTACHED IN BACK	= A																		
5.8mm RIVET ATTACHED IN BACK	= D																		
5.8mm BOARD LOCK	= G																		
HOLE	= H																		
5.8MM RIVET ATTACHED IN FRONT	= K																		
4-40 THREADED RIVET AND JACK SCREW (JACK SCREW UNASSEMBLED)	= P																		
4-40 THREADED RIVET AND JACK SCREW	= R																		
11.9mm BOARD LOCK	= U																		
GOLD PLATING: (XX is gold in micro inches)	= GXX																		
GOLD FLASH (STANDARD)	= BLANK																		

## SPECIFICATIONS

**MATERIAL AND FINISH:**

**Shell:**  
 Material: Steel  
 Plating: Tin  
 Thickness: Base Copper: 40µ"  
 Tin: 80-120µ"

**Contacts:**  
 Material: Brass (male)  
 Phosphor Bronze (female)  
 Plating: Gold Plate or Tin  
 Thickness: Gold Flash  
 40µ" Nickel base  
 80-100µ" Tin.

**Insulator:**  
 P.B.T. and glass-fiber reinforced  
 UL 94V-0

**Mechanical:**

Mating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.0 kg	3.0 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg

Unmating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>	<b>37 PIN</b>
minimum:	1.5 kg	2.0 kg	3.5 kg	3.5 kg
maximum:	5.0 kg	7.0 kg	8.0 kg	12.0 kg

**ELECTRICAL SPECIFICATIONS:**

**Rated Current:** 3A

**Rated Voltage:** 300 VDC

**Insulator Resistance:**  
 3000 Megaohm min. @ 500 VDC

**Contact Resistance:** 15 milliohm max.

**Dielectric Withstanding Strength:**  
 1000 VAC for 1 minute

**Temperature:** -55°C to 105°C



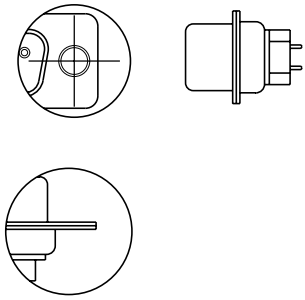
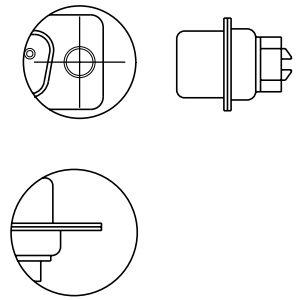
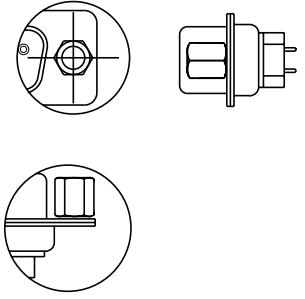
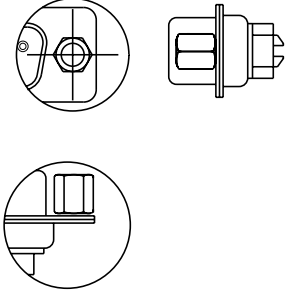
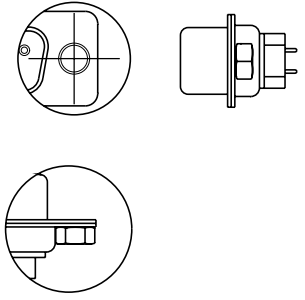
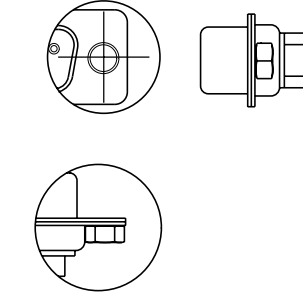
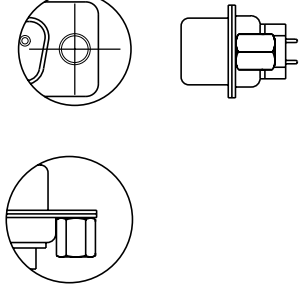
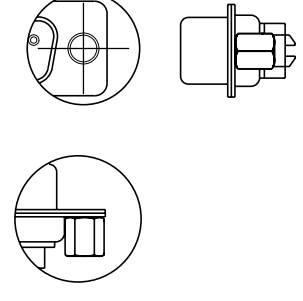
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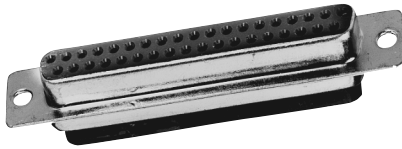
# Board Mount Options, Filtered, Straight

## TERMINATION TYPE

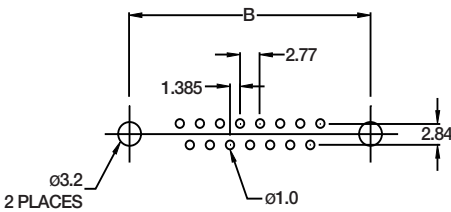
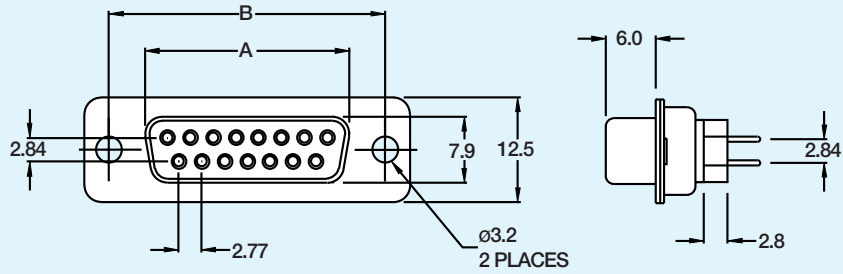
### MATING FACE OPTIONS

	P. C. PINS	SOLDER CUPS
HOLE		
5.8mm RIVET ATTACHED IN FRONT		
2.5mm HEX RIVET		
5.8mm RIVET ATTACHED IN BACK		

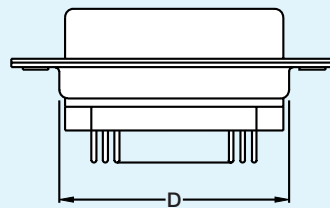
# Filtered, Straight, P.C. Pins



PDF-37RS-H  
(shown)



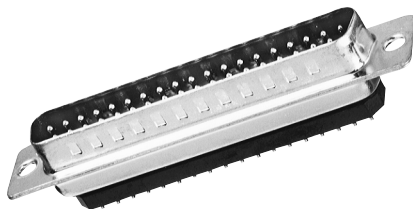
PCB LAYOUT



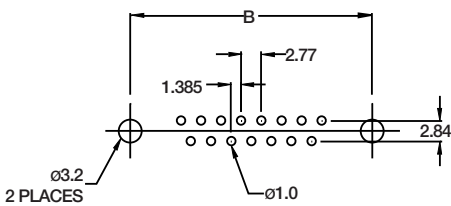
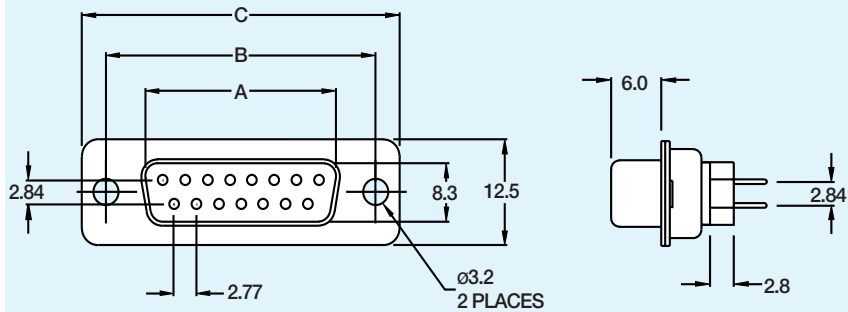
	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

7

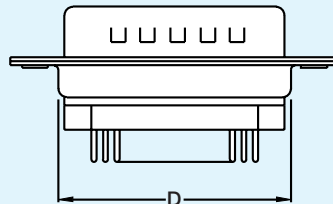
D-SUB CONNECTORS



PDF-37SS-H  
(shown)



PCB LAYOUT



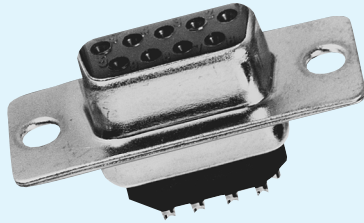
	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

Specifications subject to change without notice. Dimensions in mm.  
See pages 208 & 209 for Attenuation Curves.

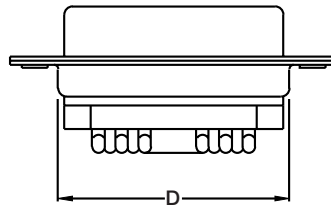
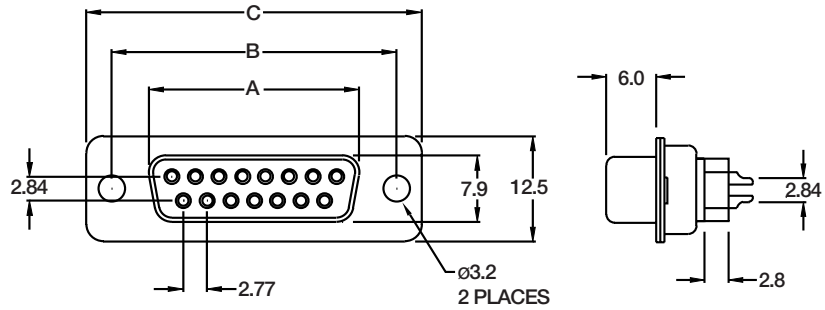


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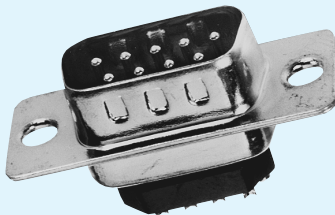
# Filtered, Straight, Solder Cup



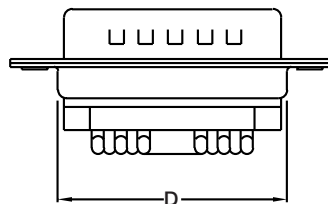
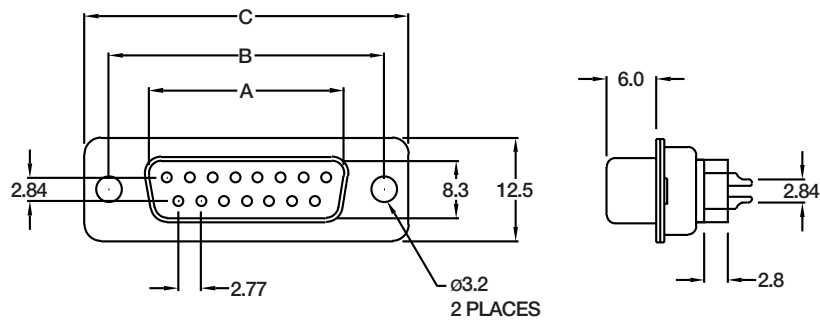
PDF-09RS-S-H  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.30	24.60	38.30	54.80
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30



PDF-09SS-S-H  
(shown)



	NUMBER OF PINS			
	9	15	25	37
A	16.92	25.25	38.96	55.42
B	25.00	33.30	47.10	63.50
C	30.80	39.20	53.10	69.40
D	19.20	27.70	41.10	57.30

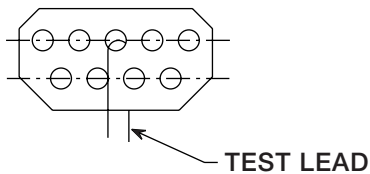
Specifications subject to change without notice. Dimensions in mm.  
See pages 208 and 209 for Attenuation Curves.  
Custom molded cables also available. See page 290.  
D-Sub Covers see pages 210 and 211.

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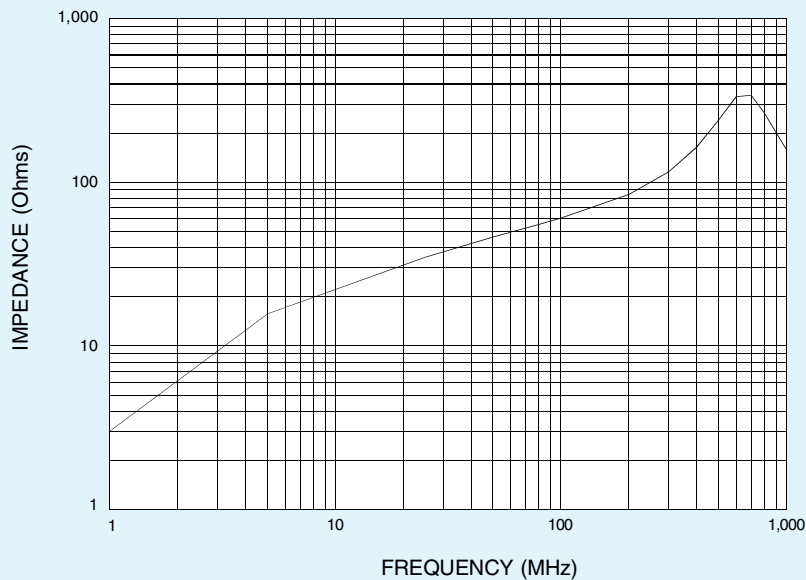


# Attenuation Curves

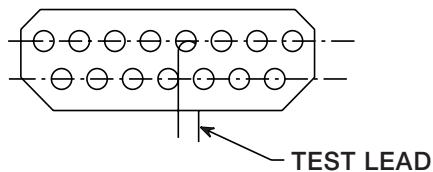
9 Pin



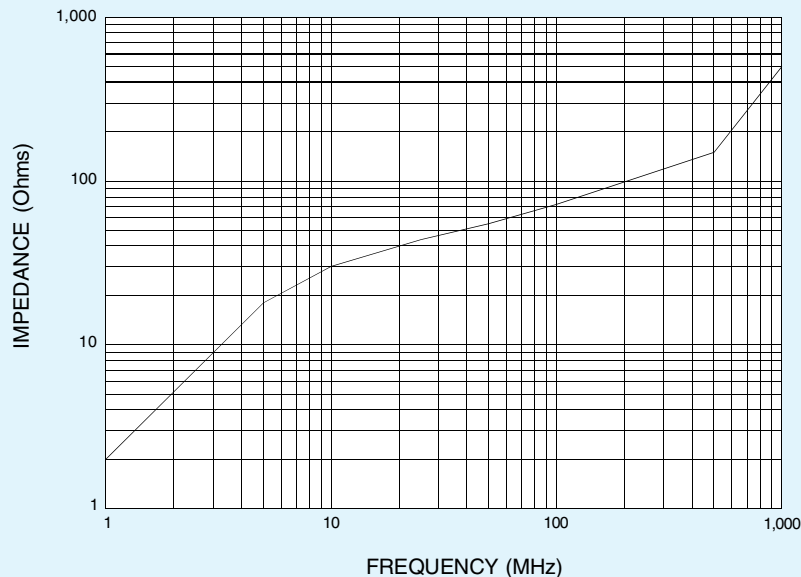
EQUIPMENT USED:  
 HP-4191A RF IMPEDANCE TESTER  
 HP-16093A BINDING POST FIXTURE  
 TEST LEAD WIRE LENGTH: 80mm  
 NUMBER OF TURNS: 1/2  
 WIRE DIAMETER: 1.0mm



15 Pin



EQUIPMENT USED:  
 HP-4191A RF IMPEDANCE TESTER  
 HP-16093A BINDING POST FIXTURE  
 TEST LEAD WIRE LENGTH: 63mm  
 NUMBER OF TURNS: 1/2  
 WIRE DIAMETER: 0.6mm



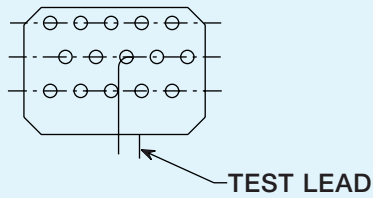
Specifications subject to change without notice.



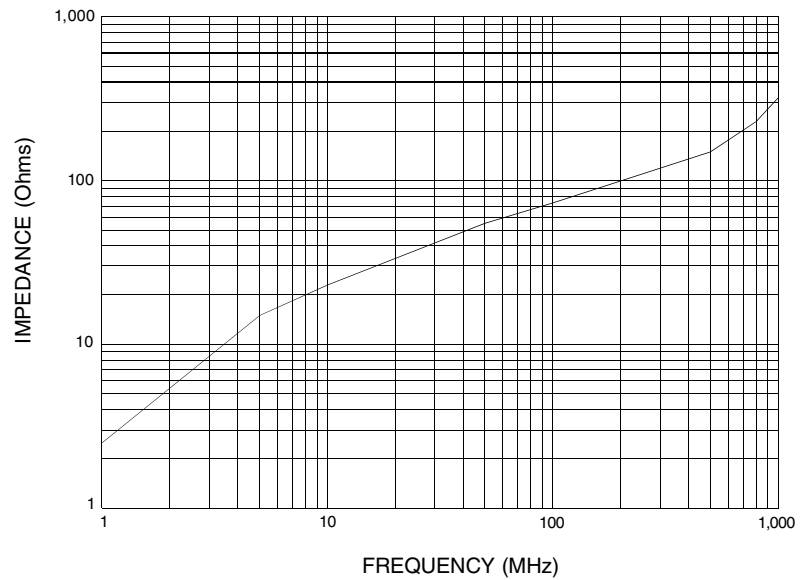
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# Attenuation Curves

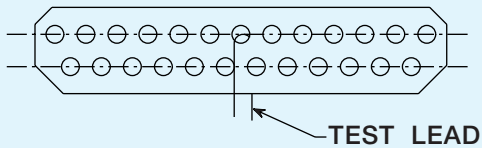
15 Pin High Density



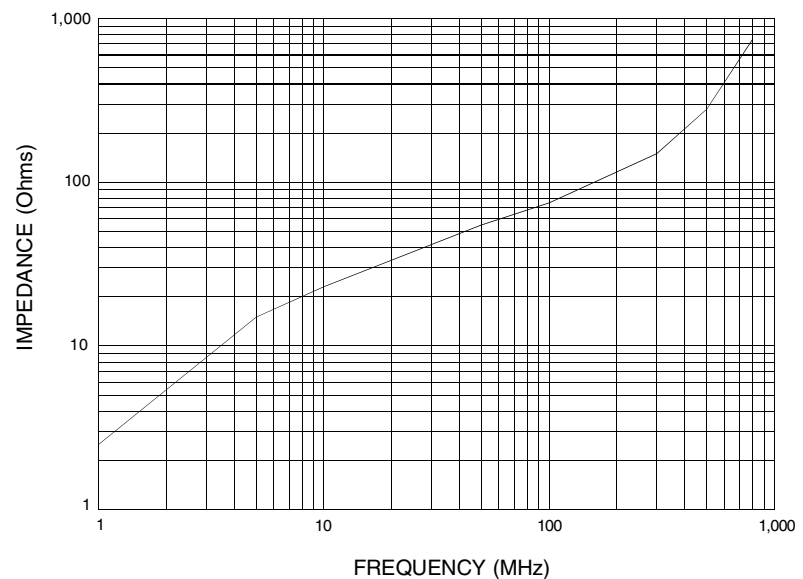
EQUIPMENT USED:  
 HP-4191A RF IMPEDANCE TESTER  
 HP-16093A BINDING POST FIXTURE  
 TEST LEAD WIRE LENGTH: 80mm  
 NUMBER OF TURNS: 1/2  
 WIRE DIAMETER: 1.0mm



25 Pin



EQUIPMENT USED:  
 HP-4191A RF IMPEDANCE TESTER  
 HP-16093A BINDING POST FIXTURE  
 TEST LEAD WIRE LENGTH: 80mm  
 NUMBER OF TURNS: 1/2  
 WIRE DIAMETER: 0.4mm



Specifications subject to change without notice.

# EXAMPLE & ORDERING CODE

COVERS

PD **P** - **15** C - **G** - **S**

SHELL TYPE:  
 PLASTIC = P  
 METAL = M

D-SUB SIZE (NUMBER OF PINS):  
 = 09  
 = 15  
 = 25  
 = 37

HIGH DENSITY:  
 15 USE 09  
 26 USE 15  
 44 USE 25  
 62 USE 37

COLOR (FOR PLASTIC ONLY):  
 GRAY = G  
 BLACK = B

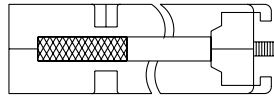
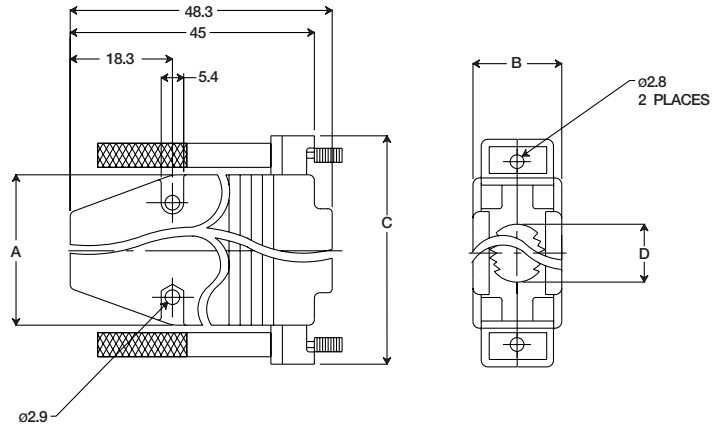
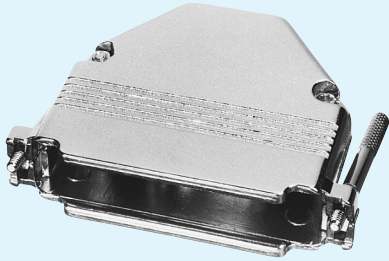
MATING FACE:  
 SHORT SCREW = S  
 THUMB SCREW = T



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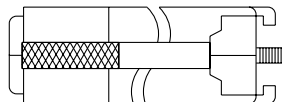
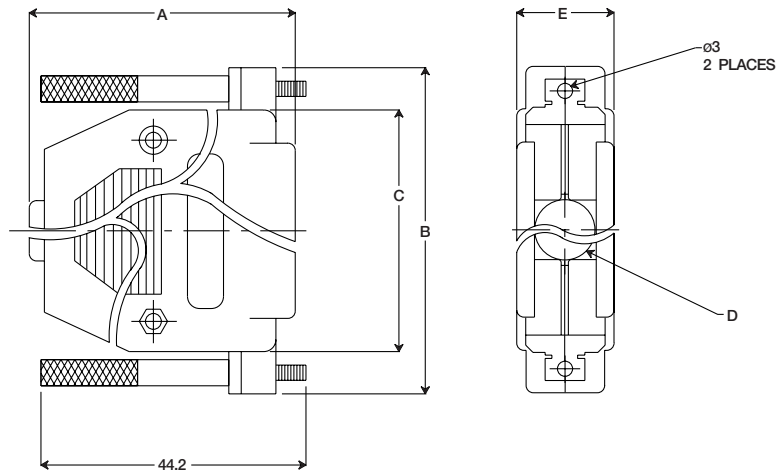
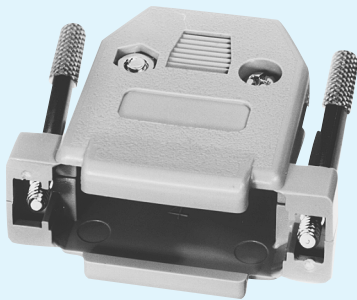
# Covers, Metal and Plastic

PDM-37C-T  
(shown)



DIMENSIONS				
	A	B	C	D
9 PIN	20.00	15.60	31.00	8.50
15 PIN	27.90	15.80	40.00	10.00
25 PIN	41.50	16.00	53.50	11.00
37 PIN	57.80	16.00	69.20	14.00

PDP-15C-G-T  
(shown)



DIMENSIONS					
	A	B	C	D	E
9 PIN	40.50	30.95	20.50	Ø8.5	16.00
15 PIN	36.80	39.50	27.50	Ø10.0	16.00
25 PIN	44.00	55.00	41.00	Ø11.0	16.00
37 PIN	52.80	69.40	57.80	Ø14.0	24.75

Specifications subject to change without notice. Dimensions in mm.

# EXAMPLE & ORDERING CODE

D-SUB TO  
PHONE JACK

PDI- **15** **S** - **8** **P** **8** **C** **-** **S**

NUMBER OF D-SUB CONTACTS:	= 09 = 15 = 25
GENDER:	MALE = S FEMALE = R
NUMBER OF POSITIONS:	= 4 = 6 = 8 = 10
NUMBER OF CONTACTS:	= 2 = 4 = 6 = 8 = 10
BODY COLOR:	GRAY = BLANK BLACK = B
SCREW TYPE:	THUMB SCREW = BLANK STANDARD PHILLIPS SCREW = S

## SPECIFICATIONS

### MATERIAL AND FINISH (D-SUB):

**Shell:**

Material: Steel  
Plating: Tin  
Thickness: Base Copper: 40µ"  
Tin: 80~120µ"

**Contacts:**

Material: Brass (male)  
Brass or Phosphor Bronze (female)  
Plating: Gold Plate over Nickel  
Thickness: Gold Flash  
40µ" Nickel base

**Insulator:**

P.B.T. and glass-fiber reinforced  
UL 94V-0

**Mechanical:**

Mating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>
minimum:	1.5 kg	2.0 kg	3.0 kg
maximum:	5.0 kg	7.0 kg	8.0 kg
Unmating Force:	<b>9 PIN</b>	<b>15 PIN</b>	<b>25 PIN</b>
minimum:	1.5 kg	2.0 kg	3.5 kg
maximum:	5.0 kg	7.0 kg	8.0 kg

### ELECTRICAL SPECIFICATIONS:

**Rated Current:** 3A  
**Rated Voltage:** 300 VDC  
**Insulator Resistance:**  
3000 Megaohm min. @ 500 VDC  
**Contact Resistance:** 15 milliohm max.  
**Dielectric Withstanding Strength:**  
1000 VAC for 1 minute  
**Temperature:** -55°C to 105°C

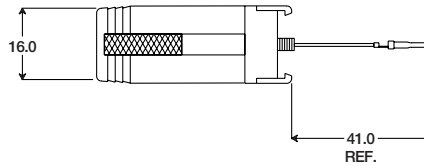
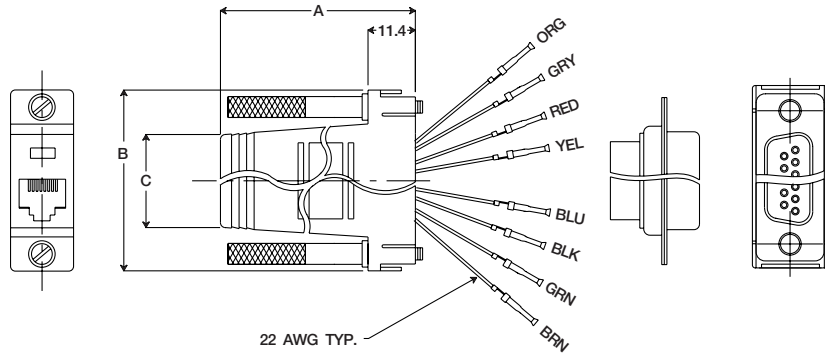
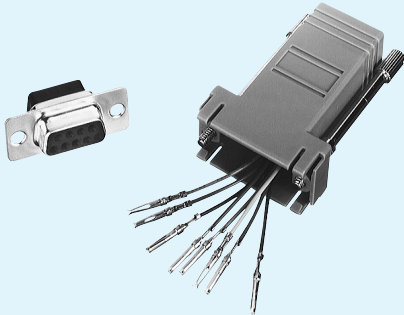


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# D-Sub to Phone Jack

PDI-09R-8P8C  
(shown)



WIRE DESIGNATION		
POS #	TO	COLOR
1	→	BLU
2	→	ORG
3	→	BLK
4	→	RED
5	→	GRN
6	→	YEL
7	→	BRN
8	→	GRY

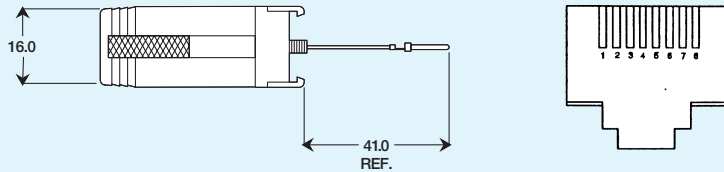
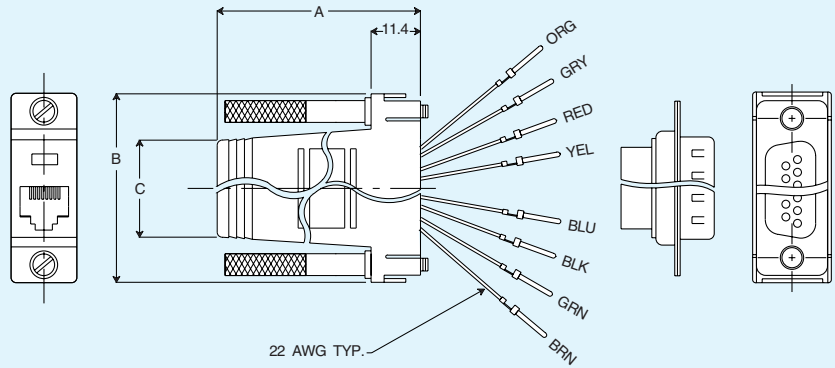
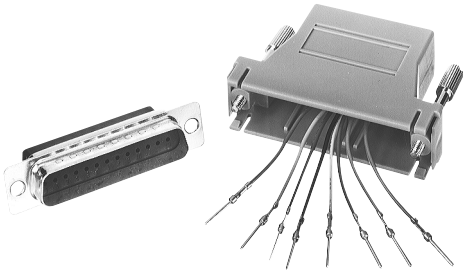
DIMENSIONS			
	A	B	C
9 PIN	49.30	32.80	19.60
15 PIN	39.30	41.50	23.00
25 PIN	39.30	55.00	34.00

Specifications subject to change without notice. Dimensions in mm.

# D-Sub to Phone Jack

PDI-25S-8P8C

(shown)



WIRE POS #	DESIGNATION TO	COLOR
1	→	BLU
2	→	ORG
3	→	BLK
4	→	RED
5	→	GRN
6	→	YEL
7	→	BRN
8	→	GRY

DIMENSIONS			
	A	B	C
9 PIN	49.30	32.80	19.60
15 PIN	39.30	41.50	23.00
25 PIN	39.30	55.00	34.00

Specifications subject to change without notice. Dimensions in mm.  
See pages 208 and 209 for Attenuation Curves.



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