

















































































# STRAIGHT D-SUB BOARD MOUNT OPTIONS

## TERMINATION TYPE

		STANDARD		S OPTION		E OPTION	
		P.C. PINS		SOLDER CUP		EXTENDED P.C. PINS	
H OPTION						X	
HOLE							
K OPTION						X	
5.8mm RIVET ATTACHED IN FRONT							
STANDARD							
2.5mm HEX RIVET							
D OPTION						X	
5.8mm RIVET ATTACHED IN BACK							
A OPTION						X	
3.8mm RIVET ATTACHED IN BACK							
G OPTION						X	
5.8mm BOARD LOCK							
U OPTION		X					
11.9mm BOARD LOCK							
R OPTION ASSEMBLED							
4-40 THREADED RIVET & JACK SCREW							
P OPTION UNASSEMBLED							

MATING FACE OPTIONS

6

5

4

3

2

1

**MATERIAL AND FINISH**

Insulator: PBT & glass filled reinforced, UL 94V-0 rated.  
Shell: Steel, Tin plated.  
Pin contact: Brass, Gold Plating over Nickel in contact area, Gold flash on tails.

**ELECTRICAL SPECIFICATIONS:**

Rated current: 3A  
Rated voltage: 250VDC  
Insulation resistance: 3000 Mohm min @ 500VDC  
Dielectric withstanding voltage: 1000VAC / 1 MIN.  
Contact resistance: 15 mohm

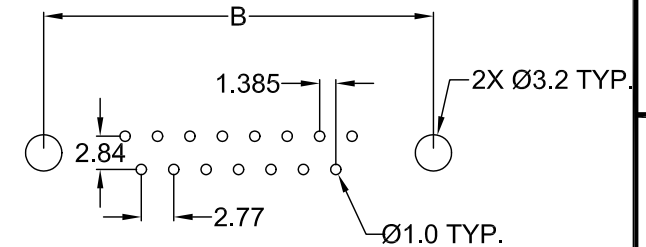
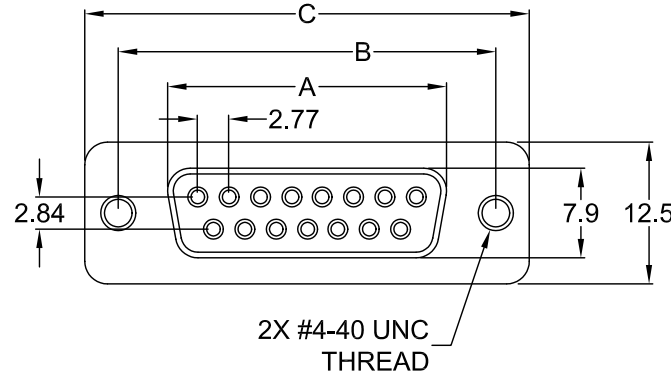
**ENVIRONMENTAL:**

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

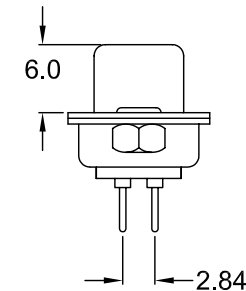
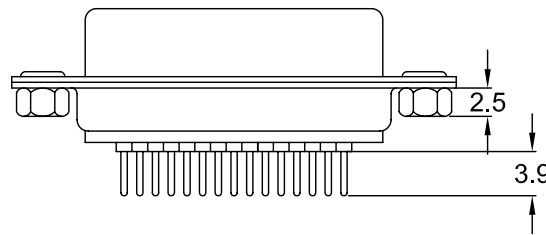
**NOTES:**

Replace first XX in P/N with number of positions.

POSITION	A	B	C
09	16.3	25.0	30.8
15	24.6	33.3	39.2
25	38.3	47.1	53.1
37	54.8	63.5	69.4



**RECOMMENDED PCB LAYOUT (TOP VIEW)**



-X-XX: SEE ORDERING CODE FOR OPTIONS

REVISIONS	CHNG	CHK	APPR
	CHANGE		
	REV	DATE	

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.20
DRAWN BY	DF
CHECK BY	
APPR BY	
DATE:	2/9/06
DATE:	
DATE:	

**Power Dynamics, Inc.**  
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STRAIGHT FEMALE D-SUB  
PC PINS

PART #: **PDI-XXRS-X-XX**

SCALE: A  
NTS

ALL DIMENSIONS FOR REFERENCE ONLY  
DIMENSIONS ARE IN MILLIMETERS

SHEET 1 of 1  
REV:

6

5

4

3

2

1

6

5

4

3

2

1

**MATERIAL AND FINISH:**

Insulator: PBT and Glass-fiber reinforced, UL-94V-0 rated.  
Shell: Steel, Tin plated.  
Contact: Brass, Gold plated over Nickel.

**ELECTRICAL SPECIFICATIONS:**

Rated current: 3A  
Rated voltage: 250VDC  
Insulation resistance: 3000 Mohm min. at 500VDC  
Dielectric withstanding voltage: 1000VAC for one minute  
Contact resistance: 15 mohm

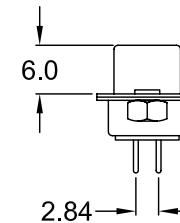
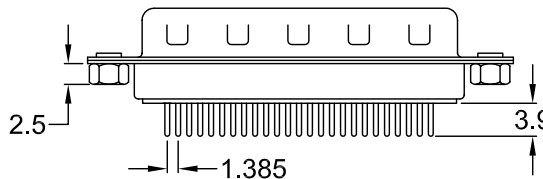
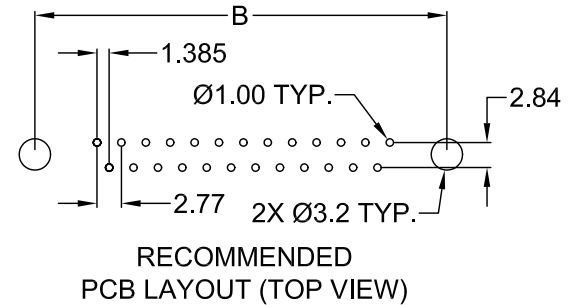
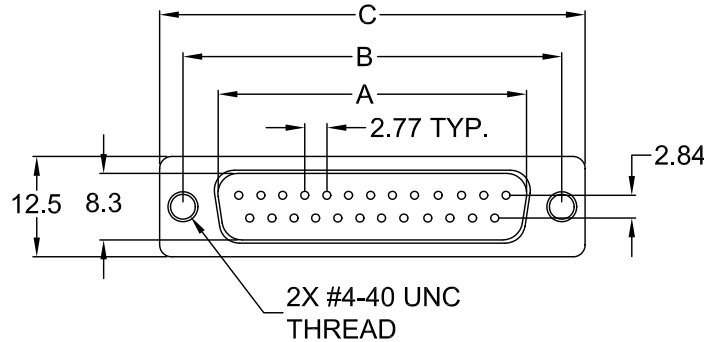
**ENVIRONMENTAL:**

Operating temperature: -55°C ~ +105°C

**NOTES:**

Replace first XX in P/N with number of positions.

POSITION	A	B	C
09	16.92	25.0	30.8
15	25.25	33.3	39.2
25	38.96	47.1	53.1
37	55.42	63.5	69.4



-X-XX: SEE ORDERING CODE FOR OPTIONS

REVISIONS	CHNG	CHK	APPR
	CHANGE		
	REV	DATE	

TOLERANCE UNLESS OTHERWISE SPECIFIED			
X	± 1		
X.X	± 0.4		
X.XX	± 0.20		
DRAWN BY	DF	DATE:	2/9/06
CHECK BY		DATE:	
APPR BY		DATE:	

**Power Dynamics, Inc.**  
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STRAIGHT MALE D-SUB  
PC PINS

PART #: PDI-XXSS-X-XX		SHEET 1 of 1
SIZE: A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	REV:
SCALE: NTS		

6

5

4

3

2

1

6

5

4

3

2

1

**MATERIAL AND FINISH**

Shell: steel, tin plated.  
Pin contact: Brass, Gold Plating over Nickel in contact area, tin on tails.  
Insulator: PBT & glass filled reinforced, UL 94V-0 rated.

**ELECTRICAL SPECIFICATIONS:**

Rated current: 3A  
Rated voltage: 250VDC  
Insulation resistance: 3000 Mohm min @ 500VDC  
Dielectric withstanding voltage: 1000VAC / 1 MIN.  
Contact resistance: 15 mohm

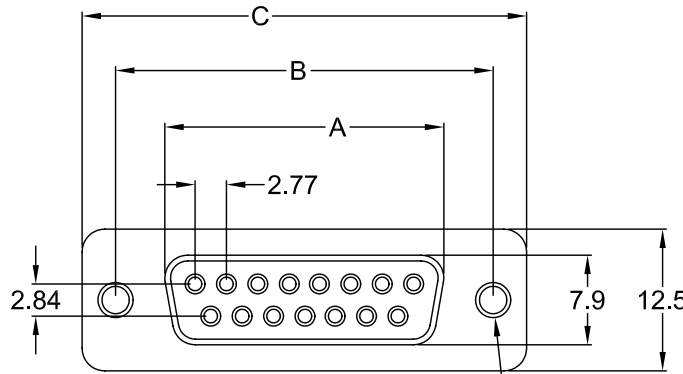
**ENVIRONMENTAL:**

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

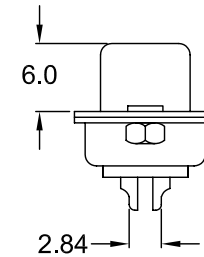
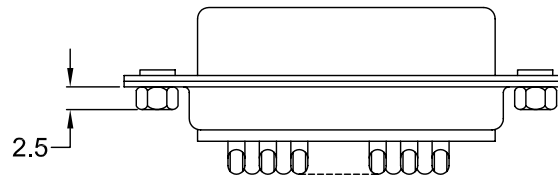
**NOTES:**

1. Replace first XX in P/N with number of positions.

POSITION	A	B	C
09	16.3	25.0	30.8
15	24.6	33.3	39.2
25	38.3	47.1	53.1
37	54.8	63.5	69.4



2X #4-40 UNC  
THREAD



-X-XX: SEE ORDERING CODE FOR OPTIONS

REVISIONS	CHNG	CHK	APPR
	DATE	CHANGE	
REV			

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.20

**Power Dynamics, Inc.**  
 Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STRAIGHT FEMALE D-SUB  
 SOLDER CUP

DRAWN BY	DF	DATE:	2/9/06
CHECK BY		DATE:	
APPR BY		DATE:	

PART #:	<b>PDI-XXRS-SX-XX</b>	SHEET	1 of 1
SIZE:	A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	
SCALE:	NTS	REV:	

6

5

4

3

2

1

**MATERIAL AND FINISH**

Shell: Steel, Tin plated.  
 Pin contact: Brass, Gold plating over Nickel.  
 Insulator: PBT & Glass filled reinforced, UL 94V-0 rated.

**ELECTRICAL SPECIFICATIONS:**

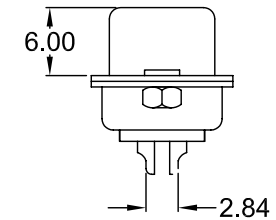
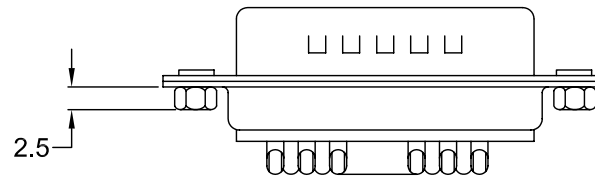
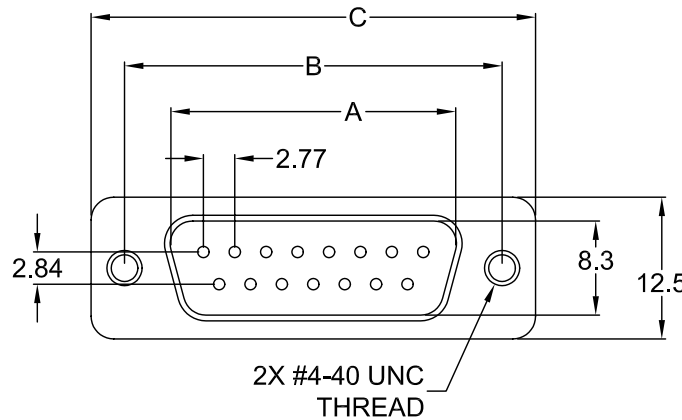
Rated current: 3A  
 Rated voltage: 250VAC  
 Insulation resistance: 3000 Mohm min @ 500VDC  
 Dielectric withstanding voltage: 1000VAC / 1 MIN.  
 Contact resistance: 15 mohm max.

**ENVIRONMENTAL:**

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

**NOTE:** Replace first XX in part number with number of positions

POSITION	A	B	C
09	16.92	25.0	30.8
15	25.25	33.3	39.2
25	38.96	47.1	53.1
37	55.42	63.5	69.4



-X-XX: SEE ORDERING CODE FOR OPTIONS

TOLERANCE  
UNLESS OTHERWISE SPECIFIED

X	±	1
X.X	±	0.4
X.XX	±	0.20

**Power Dynamics, Inc.**  
 Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STRAIGHT MALE D-SUB  
 SOLDER CUP

DRAWN BY	DF	DATE:	2/9/06
CHECK BY		DATE:	
APPR BY		DATE:	

PART #:	<b>PDI-XXSS-SX-XX</b>	SHEET	1 of 1
SIZE:	A	ALL DIMENSIONS FOR REFERENCE ONLY	REV:
SCALE:	NTS	DIMENSIONS ARE IN MILLIMETERS	

REVISIONS	CHNG	CHK	APPR
REV	DATE	CHANGE	

6

5

4

3

2

1

**MATERIAL AND FINISH**

Shell: steel, tin plated.

Pin contact: Brass, gold Plating over Nickel.

Insulator: PBT & glass filled reinforced, UL 94V-0 rated.

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

**ELECTRICAL SPECIFICATIONS:**

Rated current: 3A

Rated voltage: 250VAC

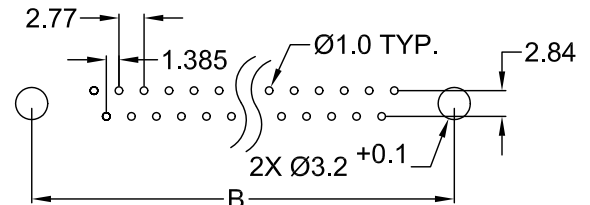
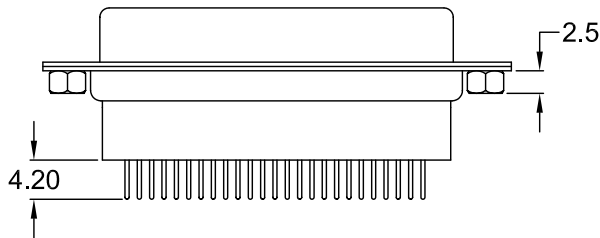
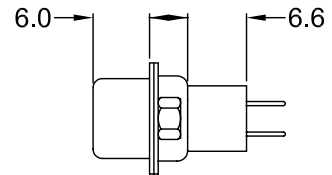
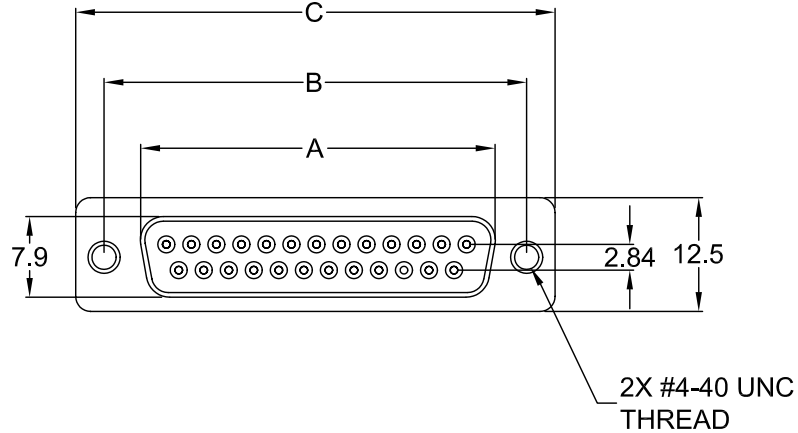
Insulation resistance: 3000 Mohm min @ 500VDC

Dielectric withstanding voltage: 1000VAC / 1 MIN.

Contact resistance: 15 mohm

NOTE: Replace first XX in part number with number of positions.

POSITION	A	B	C
09	16.3	25.0	30.8
15	24.6	33.3	39.2
25	38.3	47.1	53.1
37	54.8	63.5	69.4



RECOMMENDED PCB LAYOUT

-X-XX: SEE ORDERING CODE FOR OPTIONS

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.20

**Power Dynamics, Inc.**  
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STRAIGHT FEMALE D-SUB  
EXTENDED PC PINS

DRAWN BY	DF	DATE:	2/9/06
CHECK BY		DATE:	
APPR BY		DATE:	

PART #:	<b>PDI-XXRS-EX-XX</b>	SHEET	1 of 1
SIZE:	A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	REV:
SCALE:	NTS		

D

C

B

A

D

C

B

A

6

5

4

3

2

1

REV	DATE	CHANGE	CHKG	CHKD	APPR
REVISIONS					

6

5

4

3

2

1

**MATERIAL AND FINISH**

Shell: Steel, Tin plated.  
Pin contact: Brass, Gold plating over Nickel.  
Insulator: PBT, UL 94V-0 rated.

**ELECTRICAL SPECIFICATIONS:**

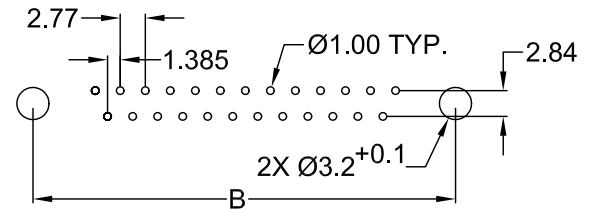
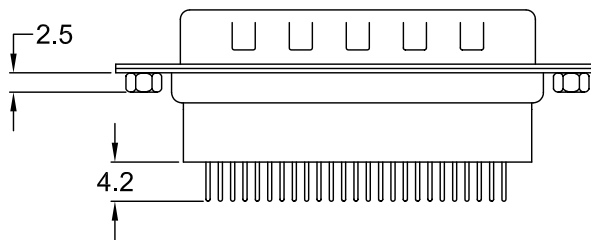
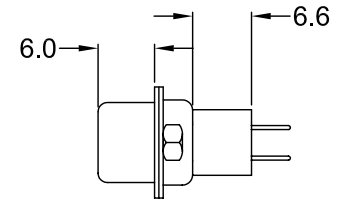
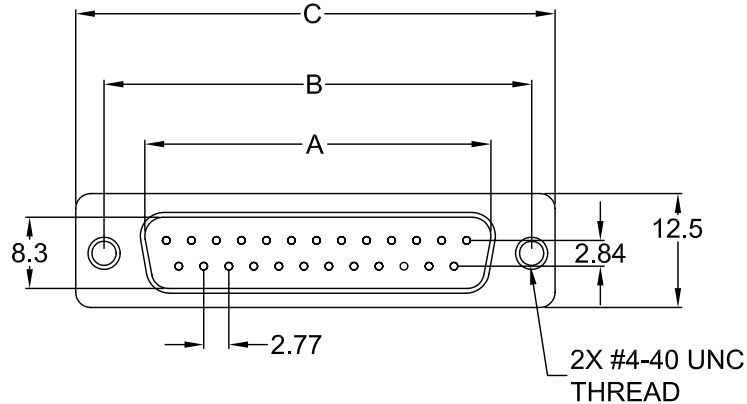
Rated current: 3A max.  
Rated voltage: 250VAC max.  
Insulation resistance: 3000 Mohm min. @ 500VDC  
Dielectric withstanding voltage: 1000VAC / 1 MIN.  
Contact resistance: 15 mohm max.

**ENVIRONMENTAL:**

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

NOTE: Replace first XX in part number with number of positions.

POSITION	A	B	C
09	16.92	25.0	30.8
15	25.25	33.3	39.2
25	38.96	47.1	53.1
37	55.42	63.5	69.4



RECOMMENDED PCB LAYOUT

-X-XX: SEE ORDERING CODE FOR OPTIONS

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.20

**Power Dynamics, Inc.**  
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STRAIGHT MALE D-SUB  
EXTENDED PC PINS

DRAWN BY	DF	DATE:	2/9/06
CHECK BY		DATE:	
APPR BY		DATE:	

PART #:	<b>PDI-XXSS-EX-XX</b>	SHEET	1 of 1
SIZE:	A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	
SCALE:	NTS	REV:	

D

C

B

A

6

5

4

3

2

1

REVISIONS	CHNG	CHECK	APPR
	CHANGE		
	REV	DATE	