

# HIGH DENSITY RIGHT ANGLE, P.C.B. D-SUB ORDERING CODE

PDI - 15 S H- - J H

NUMBER OF PINS =15  
 =26  
 =44  
 =62

GENDER MALE =S  
 FEMALE =R

FOOT PRINT LENGTH 11.62mm = 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 & JACK SCREW (UNASSEMBLED) =P  
 4-40 THREADED RIVET & 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

6

5

4

3

2

1

**MATERIAL AND FINISH**

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

**ELECTRICAL SPECIFICATIONS:**

Rated current: 2A  
Insulation resistance: 1000 Mohm min @ 500VDC  
Dielectric withstanding voltage: 1000VAC for one minute  
Contact resistance: 15 mohm max.

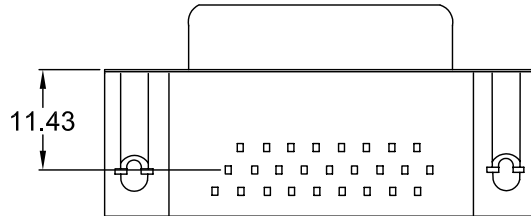
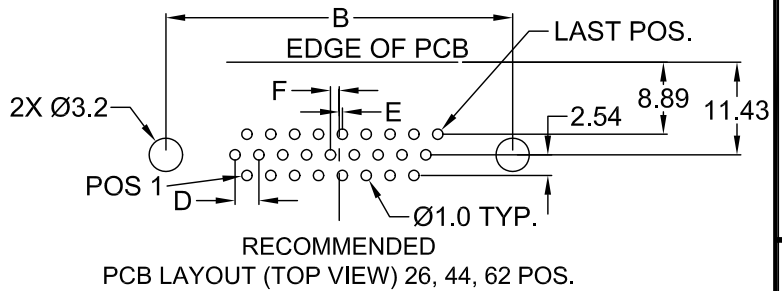
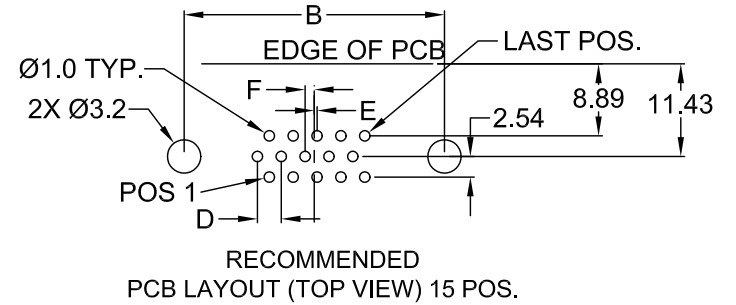
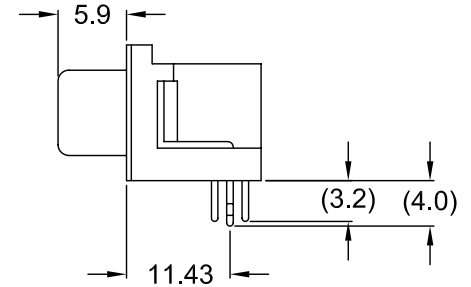
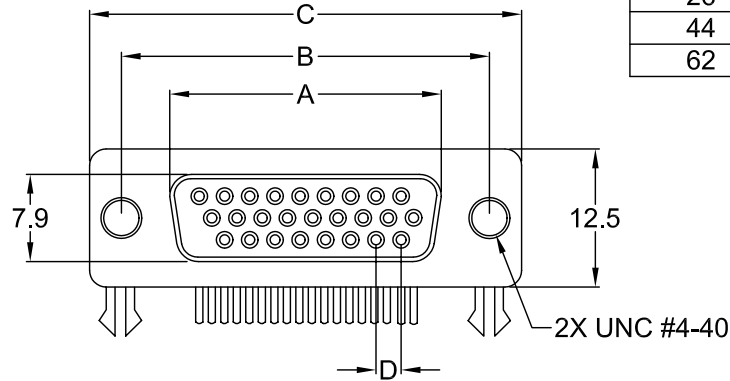
**ENVIRONMENTAL:**

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

**NOTES:**

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

POSITION	A	B	C	D	E	F
15	16.3	25.0	30.8	2.29	0.25	0.89
26	24.6	33.3	39.2	2.29	0.51	0.64
44	38.3	47.1	53.1	2.29	0.51	0.64
62	54.8	63.5	69.4	2.41	0.58	0.62



-XXX: SEE ORDERING CODE FOR OPTIONS

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

DRAWN BY	DF	DATE:	2/8/06
CHECK BY		DATE:	
APPR BY		DATE:	

**Power Dynamics, Inc.**

Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: HI-DENSITY RIGHT ANGLE, FEMALE D-SUB  
PCB MOUNT, 11.43mm FOOTPRINT

PDI-XXRH-XXX SHEET 1 of 1

SIZE: A ALL DIMENSIONS FOR REFERENCE ONLY  
SCALE: NTS DIMENSIONS ARE IN MILLIMETERS REV:

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**

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

**ELECTRICAL SPECIFICATIONS:**

Rated current: 2A  
Insulation resistance: 1000 Mohm min @ 500VDC  
Dielectric withstanding voltage: 1000VAC for one minute  
Contact resistance: 15 mohm max.

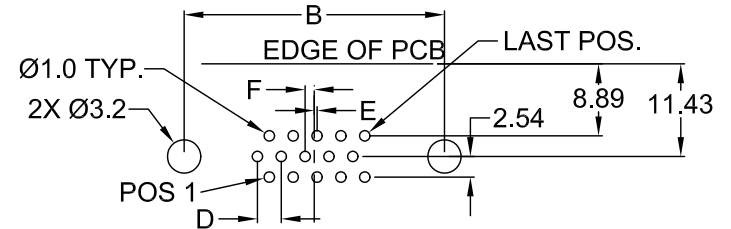
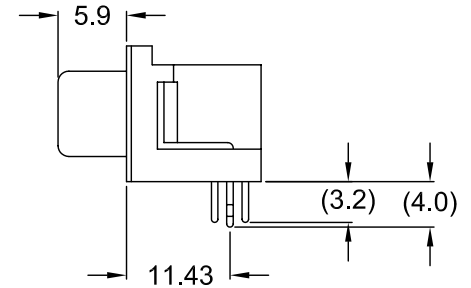
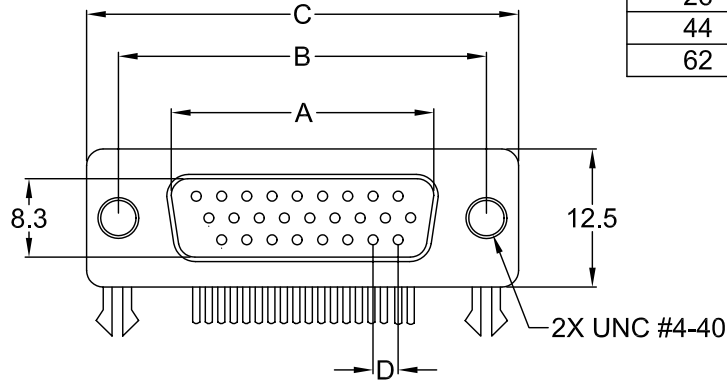
**ENVIRONMENTAL:**

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

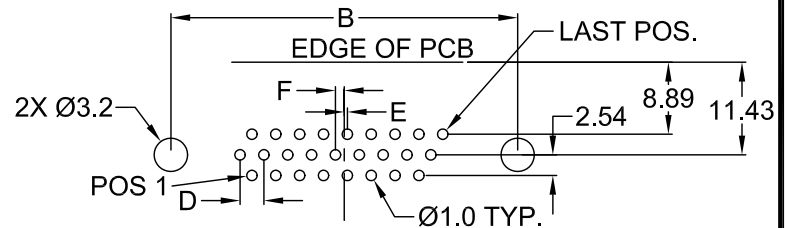
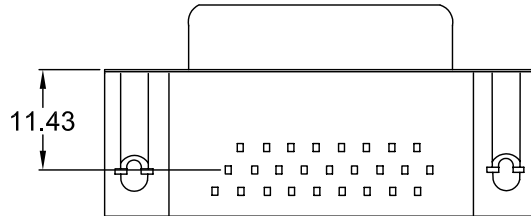
**NOTES:**

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

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26	25.2	33.3	39.2	2.29	0.51	0.64
44	38.9	47.1	53.1	2.29	0.51	0.64
62	55.4	63.5	69.4	2.41	0.58	0.62



RECOMMENDED PCB LAYOUT (TOP VIEW) 15 POS.



RECOMMENDED PCB LAYOUT (TOP VIEW) 26, 44, 62 POS.

-XXX: 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:	2/8/06
CHECK BY		DATE:	
APPR BY		DATE:	

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Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: HI-DENSITY RIGHT ANGLE, MALE D-SUB  
PCB MOUNT, 11.43mm FOOTPRINT

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

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**MATERIAL AND FINISH**

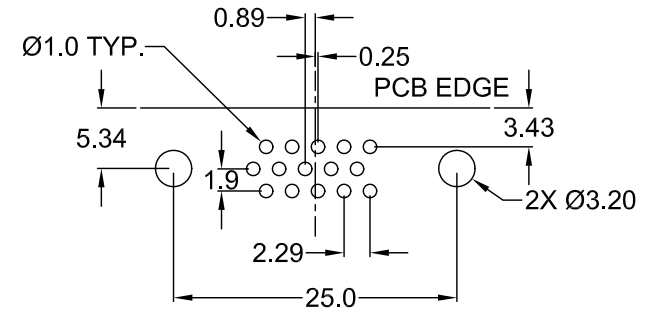
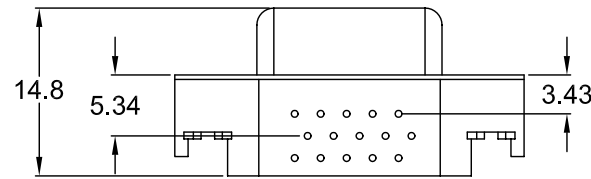
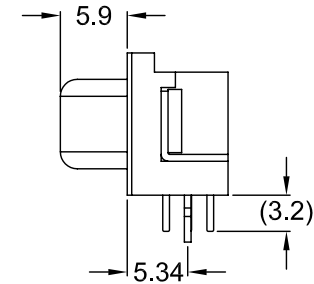
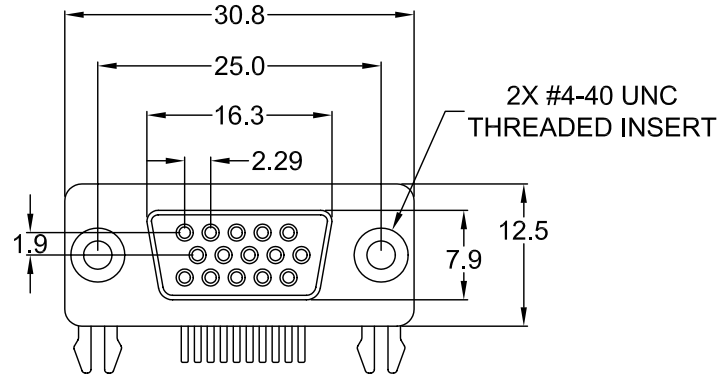
Insulator: PBT & glass fiber reinforced, UL 94V-0 rated.  
Shell: Steel, Tin plated.  
Pin contact: Brass, Gold plating over base Nickel in contact area, Tin on tails.

**ELECTRICAL SPECIFICATIONS:**

Rated current: 2A  
Rated voltage: 250VDC  
Insulation resistance: 1000 Mohm min @ 500VDC  
Dielectric withstanding voltage: 1000VAC / 1 MIN.  
Contact resistance: 15 mohm max.

**ENVIRONMENTAL:**

Operating temperature: -55°C ~ 105°C



-XXX: SEE ORDERING CODE FOR OPTIONS

TOLERANCE  
UNLESS OTHERWISE SPECIFIED

X ± 1  
X.X ± 0.4  
X.XX ± 0.20

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PART: 15 POS. HI-DENSITY, FEMALE D-SUB  
PCB MOUNT; 5.34mm FOOTPRINT

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

PART #:	<b>PDI-15RH-5-XXX</b>	SHEET	1 of 1
SIZE:	A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	
SCALE:	NTS	REV:	

REVISIONS	CHNG	CHK	APPR
REV	DATE	CHANGE	

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**MATERIAL AND FINISH**

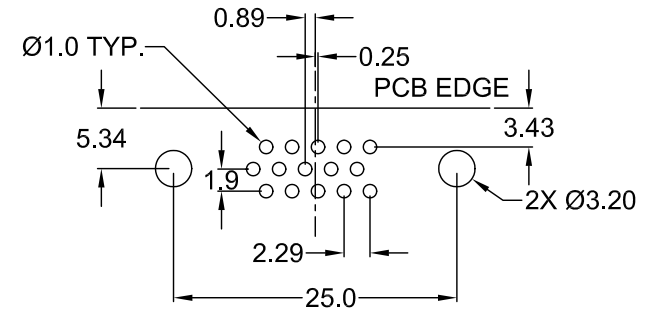
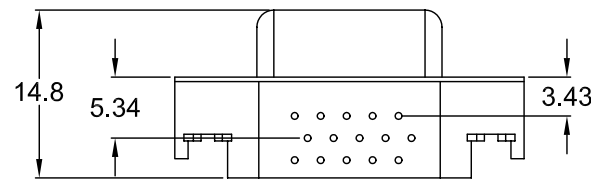
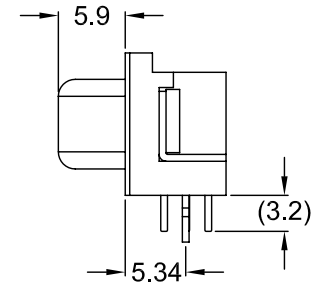
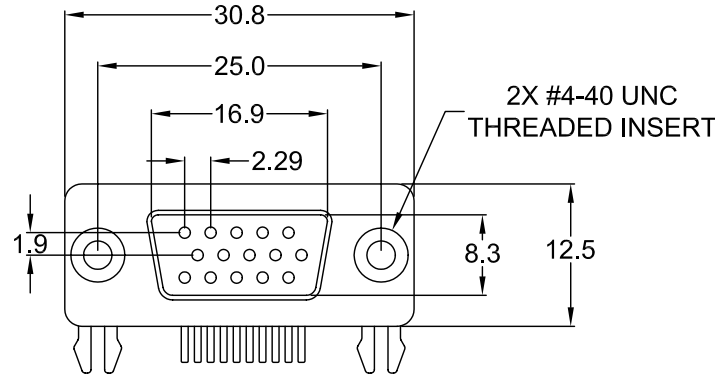
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PCB MOUNT; 5.34mm FOOTPRINT

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PART #: PDI-15SH-5-XXX		SHEET 1 of 1
SIZE: A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	
SCALE: NTS	REV:	

REVISIONS	CHNG	CHK	APPR
REV	DATE	CHANGE	

6

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