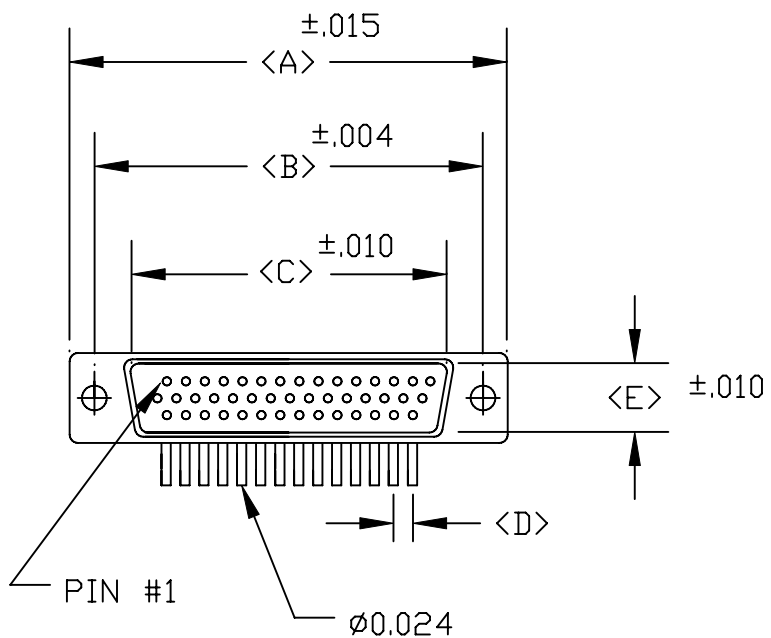
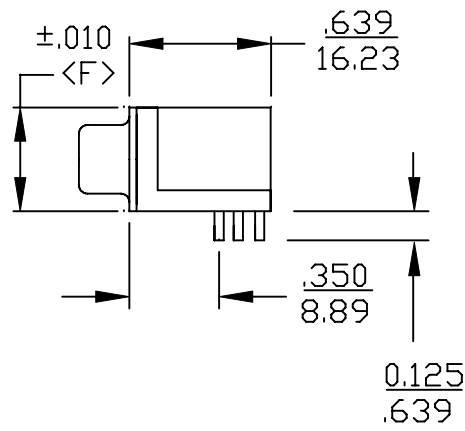


DESCRIPTION: **HIGH DENSITY MALE RIGHT ANGLE**  
**RoHS COMPLIANT**



| POS. | A     | B     | C     | D     | E     | F     |
|------|-------|-------|-------|-------|-------|-------|
| 15   | 1.213 | 0.984 | 0.666 | 0.090 | 0.329 | 0.496 |
|      | 30.80 | 24.99 | 16.92 | 2.29  | 8.36  | 12.60 |
| 26   | 1.543 | 1.312 | 0.994 | 0.090 | 0.329 | 0.496 |
|      | 39.19 | 33.32 | 25.25 | 2.29  | 8.36  | 12.60 |
| 44   | 2.087 | 1.852 | 1.534 | 0.090 | 0.329 | 0.496 |
|      | 53.00 | 47.04 | 38.96 | 2.29  | 8.36  | 12.60 |
| 62   | 2.740 | 2.500 | 2.181 | 0.095 | 0.329 | 0.496 |
|      | 69.60 | 63.50 | 55.42 | 2.41  | 8.36  | 12.60 |



**181-YYY-113RYY1**

SERIES \_\_\_\_\_  
POSITIONS \_\_\_\_\_  
015 \_\_\_\_\_  
026 \_\_\_\_\_  
044 \_\_\_\_\_  
062 \_\_\_\_\_  
GENDER \_\_\_\_\_  
1 = MALE  
TERMINATION \_\_\_\_\_  
1 = DIP SOLDER  
SHELL PLATING \_\_\_\_\_  
3 = NICKEL  
RoHS COMPLIANT \_\_\_\_\_  
HIGH TEMPERATURE PROCESS \_\_\_\_\_  
HARDWARE \_\_\_\_\_  
00 = NO HARDWARE  
16 = Ø0.120/ INSIDE GND STRAPS  
17 = 4-40 INSERTS/INSIDE GND STRAPS  
18 = 4-40 SCREWLOCKS/INSIDEGND STRAPS  
43 = Ø0.120/ METAL SHELL  
45 = 4-40 INSERTS/METAL SHELL  
48 = 4-40 SCREWLOCKS/METAL SHELL  
53 = 4-40INSERT/BOARD LOCKS  
56 = 4-40 SCREWLOCKS/BOARDLOCKS  
PLATING \_\_\_\_\_  
1 = GOLD FLASH ENTIRE CONTACT  
2 = 30u" GOLD

**ELECTRICALS:**  
CURRENT RATING: 2 AMPS  
CONTACT RESISTANCE: 15 mOHMS MAX.  
INSULATOR RESISTANCE: 1000MOHMS MIN.  
VOLTAGE: 500V FOR 1 MINUTE  
TEMPERATURE: -50° TO +100°

**MATERIALS:**  
SHELL: STEEL, NICKEL PLATED  
INSULATOR: NYLON 9T - BLACK (UL-94-VO)  
260° PROCESS TEMP.  
CONTACTS:BRASS - GOLD ENTIRE CONTACT  
RoHS COMPLIANT



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DRAWN:  
**PAM JENKINS**

CHECKED:

SCALE:

DWG NO.  
**181-YYY-113RYY1**

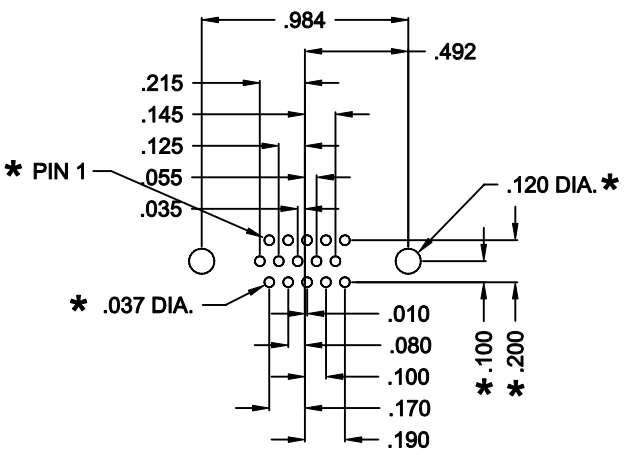
DATE:  
**3-17-05**

DATE:

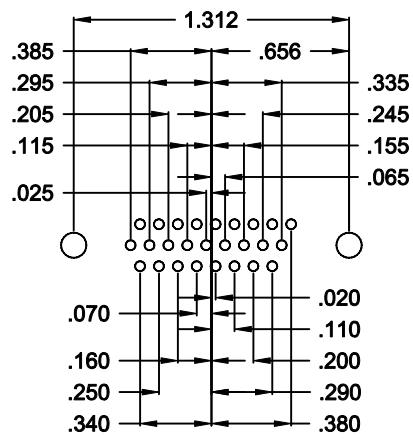
SHEET  
**1**

OF  
**3**

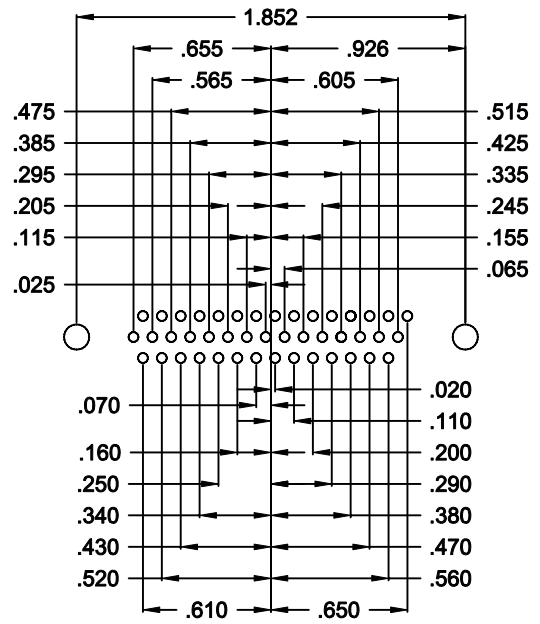
REV  
**5**



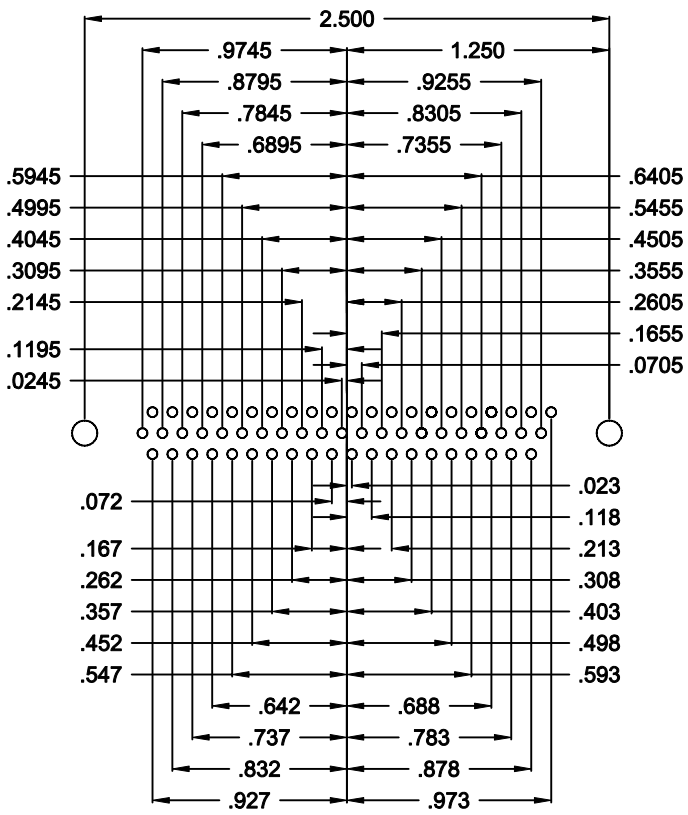
15 POSITION



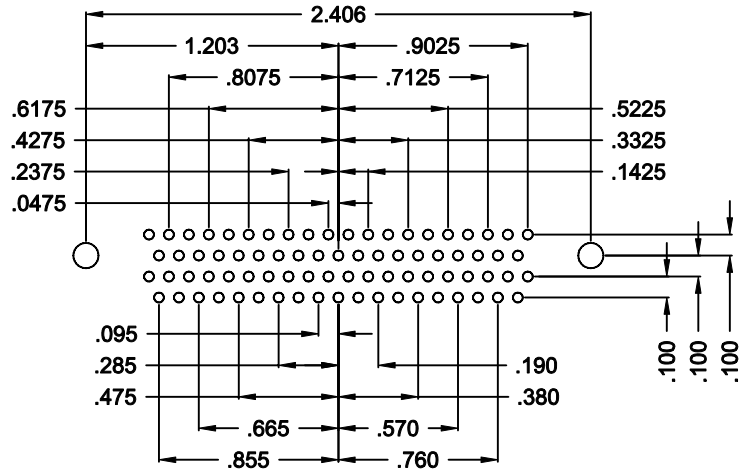
26 POSITION



44 POSITION



62 POSITION



78 POSITION

181 SERIES  
HIGH DENSITY  
RIGHT ANGLE

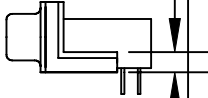
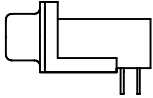
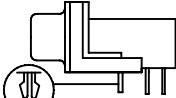
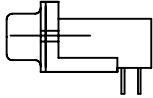
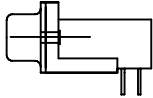
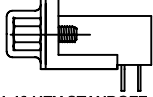
HOLE PATTERN SHOWN  
ARE FOR MALE

\* TYP. ON ALL SIZES

DO NOT SCALE FROM DRAWING

|                                                                                      |                                                                                                                                                                                             |  |                                |  |                            |              |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|----------------------------|--------------|
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|                                                                                      |                                                                                                                                                                                             |  | CHECKED:                       |  | DATE:                      |              |
| <b>NorComp</b>                                                                       |                                                                                                                                                                                             |  | SCALE:                         |  | SHEET <b>2</b> OF <b>3</b> | REV <b>5</b> |
|                                                                                      |                                                                                                                                                                                             |  | DWG NO. <b>181-YYY-113RYY1</b> |  |                            |              |

DESCRIPTION: HIGH DENSITY R/A HARDWARE OPTIONS  
RoHS COMPLIANT

|                                                                                                                            |                                                                                                                                               |                                                                                                    |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                            | <br>0.141± .020<br>METAL SHELL WITH<br>INSIDE GROUND STRAPS | <br>METAL SHELL | <br>METAL SHELL<br>FORK BOARD LOCKS |
| <br>.120" DIA. HOLE                       | 16                                                                                                                                            | 43                                                                                                 | N/A                                                                                                                    |
| <br>4-40 FLUSH INSERT                     | 17                                                                                                                                            | 45                                                                                                 | 53<br>BOARD LOCKS IN<br>FRONT HOLE                                                                                     |
| <br>4-40 HEX STANDOFF<br>FEMALE SCREWLOCK | 18                                                                                                                                            | 48                                                                                                 | 56<br>BOARD LOCKS IN<br>FRONT HOLE                                                                                     |

|                                                                                      |                                                                                                                                                                                             |                         |              |                  |       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|------------------|-------|
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|                                                                                      |                                                                                                                                                                                             | CHECKED:                |              | DATE:            |       |
| <h1>NorComp</h1>                                                                     |                                                                                                                                                                                             | SCALE:                  | SHEET 3 OF 3 |                  | REV 5 |
|                                                                                      |                                                                                                                                                                                             | DWG NO. 181-YYY-113RYY1 |              |                  |       |