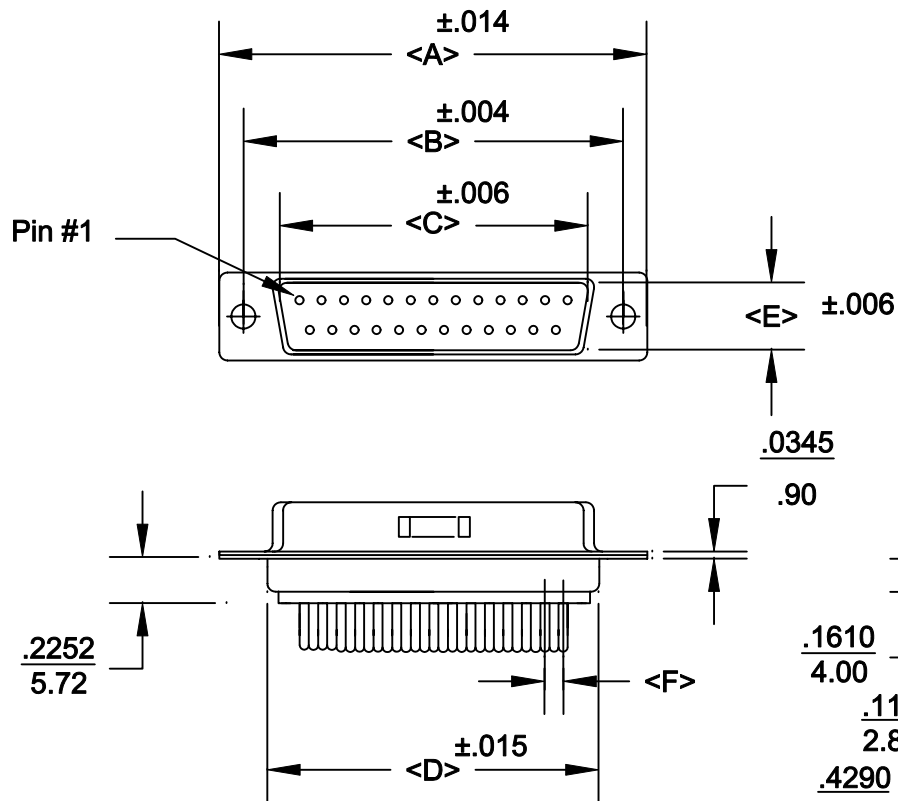
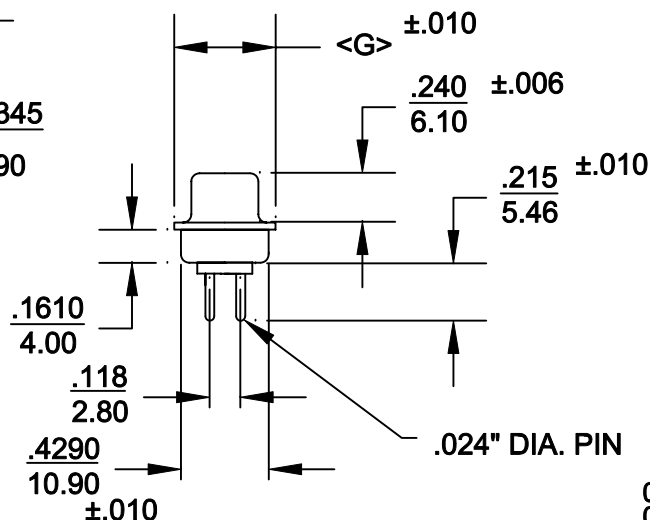


DESCRIPTION: **DIP SOLDER MALE/MACHINED-ECONOMY**



| POS. | A     | B     | C     | D     | E     | F     | G     | H     |
|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9    | 1.213 | 0.984 | 0.666 | 0.756 | 0.329 | 0.109 | 0.496 | 0.436 |
|      | 30.80 | 24.99 | 16.92 | 19.20 | 8.36  | 2.77  | 12.60 | 11.07 |
| 15   | 1.543 | 1.312 | 0.994 | 1.091 | 0.329 | 0.109 | 0.496 | 0.763 |
|      | 39.19 | 33.32 | 25.25 | 27.70 | 8.36  | 2.77  | 12.60 | 19.38 |
| 25   | 2.087 | 1.852 | 1.534 | 1.618 | 0.329 | 0.109 | 0.496 | 1.308 |
|      | 53.00 | 47.04 | 38.96 | 41.10 | 8.36  | 2.77  | 12.60 | 33.22 |
| 37   | 2.732 | 2.500 | 2.181 | 2.256 | 0.329 | 0.109 | 0.496 | 1.962 |
|      | 69.30 | 63.50 | 55.42 | 57.30 | 8.36  | 2.77  | 12.60 | 49.83 |
| 50   | 2.638 | 2.406 | 2.079 | 2.169 | 0.445 | 0.109 | 0.606 | 1.744 |
|      | 67.00 | 61.00 | 52.80 | 55.10 | 11.30 | 2.77  | 15.39 | 44.32 |



172-EXX-11X-XX1

SERIES \_\_\_\_\_  
POSITIONS \_\_\_\_\_  
E09 \_\_\_\_\_  
E15 \_\_\_\_\_  
E25 \_\_\_\_\_  
E37 \_\_\_\_\_  
E50 \_\_\_\_\_  
GENDER \_\_\_\_\_  
1 = MALE  
2 = FEMALE  
TERMINATION \_\_\_\_\_  
1 = DIP SOLDER  
SHELL PLATING \_\_\_\_\_  
1 = YELLOW CHROMATE  
2 = TIN  
HARDWARE OPTIONS \_\_\_\_\_  
00 = NO HARDWARE  
01 = .098 4-40 CLINCH NUT BOARD SIDE  
02 = .250 4-40 CLINCH NUT BOARD SIDE  
03 = .250 4-40 CLINCH NUT MATING SIDE  
91 = .225 4-40 SPACER/BOARD LOCK  
PLATING OPTIONS \_\_\_\_\_  
01 = GOLD FLASH  
02 = 30 MICRO-INCH GOLD

**SPECIFICATIONS:**

**MATERIALS:**

SHELL: STEEL, YELLOW CHROMATE OR TIN PLATED

INSULATOR: UL 94V-0 RATED WHITE PBT  
+30% FIBER-GLASS

**ELECTRICALS:**

CURRENT RATING: 5 AMPS

CONTACT RESISTANCE: 15 mOHMS MAX

INSULATOR RESISTANCE: 1000 MOHMS MIN

VOLTAGE: 500V AC FOR 1 MINUTE

TEMPERATURE: -50°C TO +100°C



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ARE THE PROPERTY OF NorComp AND  
SHALL NOT BE REPRODUCED, COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.

DRAWN:

**PAM JENKINS**

DATE:

**5-31-00**

CHECKED:

DATE:

SCALE:

SHEET 1 OF 2 REV 4

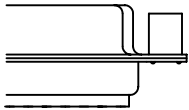
DWG NO.

**172-EXX-11X-XX1**

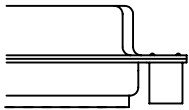
**NorComp**

DESCRIPTION: CLINCH NUT HARDWARE

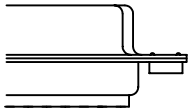
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS



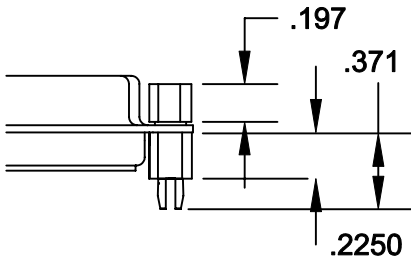
03X..... .250" (MATING SIDE) - CN8



02X ..... .250" (BOARD SIDE) - CN2



01X ..... .098" (BOARD SIDE) - CN1

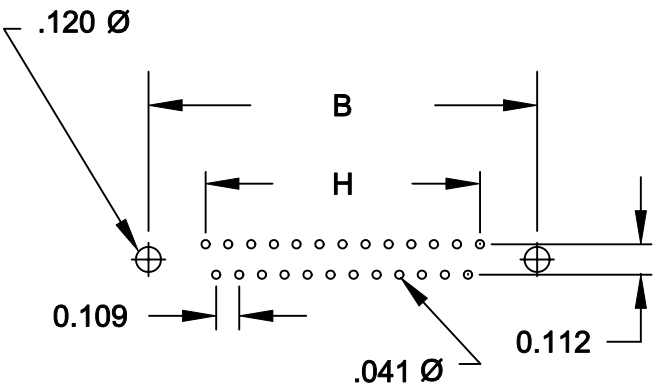


91X ..... .225" (BOARD SIDE) - .197 MATING SIDE - CN10/SFS0440  
NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

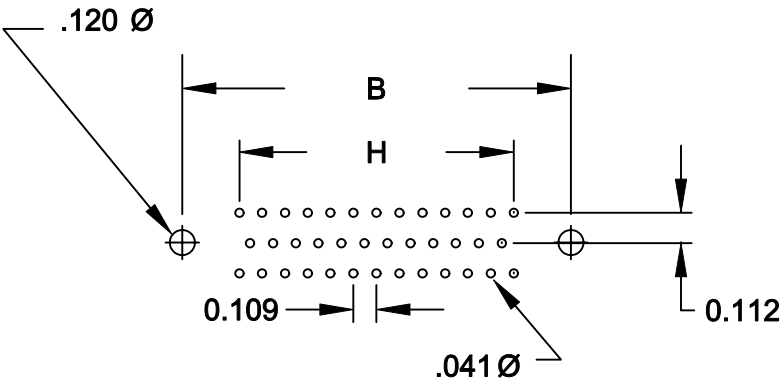
|                                                                                      |                                                                                                                                                                                             |                         |              |                  |       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|------------------|-------|
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|                                                                                      |                                                                                                                                                                                             | CHECKED:<br>PAM JENKINS |              | DATE:<br>8-24-98 |       |
| <h1>NorComp</h1>                                                                     | SCALE:                                                                                                                                                                                      |                         | SHEET 1 OF 1 |                  | REV 1 |
|                                                                                      | DWG NO.                                                                                                                                                                                     |                         |              |                  |       |
|                                                                                      | CLINCH-NUT OPTIONS                                                                                                                                                                          |                         |              |                  |       |

DESCRIPTION:

| POS |                       | H                     |
|-----|-----------------------|-----------------------|
| 9   | <u>.984</u><br>25.00  | <u>.433</u><br>10.99  |
| 15  | <u>1.312</u><br>33.32 | <u>.757</u><br>19.23  |
| 25  | <u>1.852</u><br>47.04 | <u>1.305</u><br>33.15 |
| 37  | <u>2.500</u><br>63.50 | <u>1.957</u><br>49.71 |
| 50  | <u>2.406</u><br>61.11 | <u>1.740</u><br>44.20 |



(9, 15, 25, 37 POSITIONS)



(50 POSITION)

|                                                                                                        |                                                                                                                                                                                             |                                 |              |                  |       |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|------------------|-------|
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|                                                                                                        |                                                                                                                                                                                             | CHECKED:                        |              | DATE:            |       |
|                                                                                                        |                                                                                                                                                                                             | SCALE:                          | SHEET 2 OF 2 |                  | REV 3 |
|                                                                                                        |                                                                                                                                                                                             | DWG NO. DSUB VERTICAL FOOTPRINT |              |                  |       |