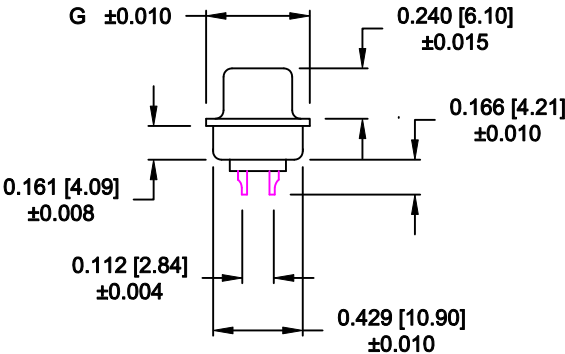
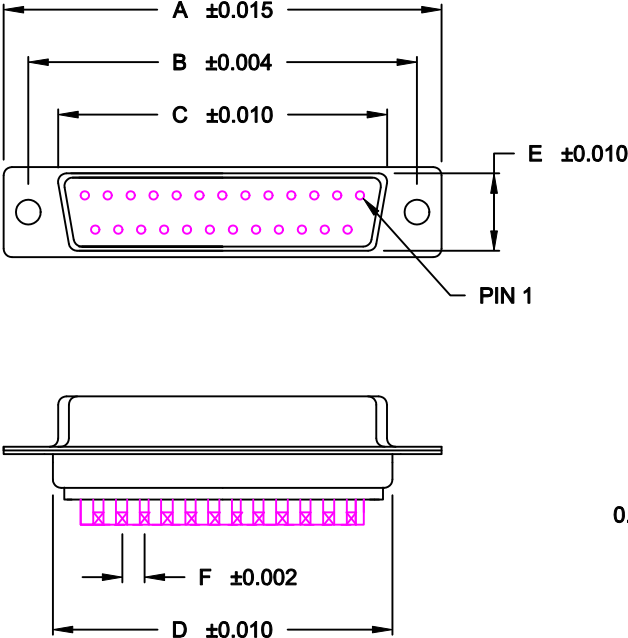


DESCRIPTION: FEMALE SOLDER CUP/STAMPED

SPECIFICATIONS:  
MATERIALS:  
SHELL: STEEL, TIN (80u" TIN OVER 40u" COPPER)  
OR NICKEL (80u" NICKEL OVER 40u" COPPER)  
INSULATOR: UL 94V-0 RATED BLACK PBT  
+30% FIBER-GLASS OR NYLON-66  
RoHS COMPLIANT  
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

| POS. | A     | B     | C     | D     | E     | F     | G     |
|------|-------|-------|-------|-------|-------|-------|-------|
| 09   | 1.213 | 0.984 | 0.642 | 0.756 | 0.311 | 0.109 | 0.496 |
|      | 30.80 | 24.99 | 16.30 | 19.20 | 7.90  | 2.77  | 12.60 |
| 15   | 1.541 | 1.312 | 0.971 | 1.091 | 0.311 | 0.109 | 0.496 |
|      | 39.14 | 33.32 | 24.65 | 27.70 | 7.90  | 2.77  | 12.60 |
| 25   | 2.087 | 1.852 | 1.512 | 1.618 | 0.311 | 0.109 | 0.496 |
|      | 53.00 | 47.04 | 38.40 | 41.10 | 7.90  | 2.77  | 12.60 |
| 37   | 2.728 | 2.500 | 2.157 | 2.256 | 0.311 | 0.109 | 0.496 |
|      | 69.29 | 63.50 | 54.80 | 57.30 | 7.90  | 2.77  | 12.60 |
| 50   | 2.638 | 2.406 | 2.055 | 2.169 | 0.429 | 0.109 | 0.602 |
|      | 67.00 | 61.00 | 52.20 | 55.10 | 10.90 | 2.77  | 15.30 |



171-YYY-20YLYY1

SERIES  
POSITIONS  
009  
015  
025  
037  
050  
GENDER  
1 = MALE  
2 = FEMALE  
TERMINATION  
0 = SOLDER CUP  
SHELL PLATING  
2 = TIN  
3 = NICKEL  
HARDWARE OPTIONS  
00 = NO HARDWARE  
01 = .098 4-40 CLINCH NUT BOARD SIDE  
02 = .236 4-40 CLINCH NUT BOARD SIDE  
03 = .236 4-40 CLINCH NUT MATING SIDE  
05 = .237 4-40 BOARD LOCK  
91 = .237 4-40 SPACER/BOARD LOCK  
PLATING OPTIONS  
1 = GOLD FLASH  
2 = 30 MICRO-INCH GOLD

WILL ACCEPT 28-20 AWG CONDUCTORS

RoHS COMPLIANT

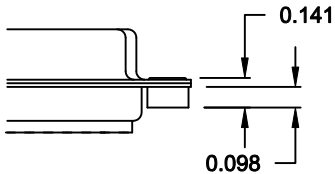
DO NOT SCALE FROM DRAWING

|                                                                                      |                                                                                                                                                                                             |  |                              |  |                         |  |  |  |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|-------------------------|--|--|--|
|  | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION. |  | DRAWN:<br><b>PAM JENKINS</b> |  | DATE:<br><b>9-13-05</b> |  |  |  |
|                                                                                      |                                                                                                                                                                                             |  | CHECKED:                     |  | DATE:                   |  |  |  |
|  |                                                                                                                                                                                             |  | SCALE:                       |  | SHEET 1 OF 2            |  |  |  |
|                                                                                      |                                                                                                                                                                                             |  | DWG NO.                      |  | 171-YYY-20YLYY1         |  |  |  |
|                                                                                      |                                                                                                                                                                                             |  |                              |  | REV 8                   |  |  |  |

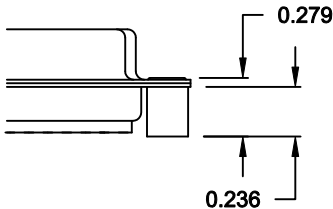
TOLERANCE:  
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

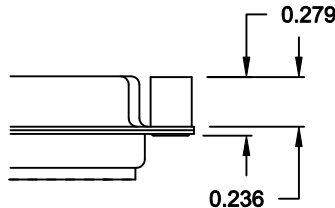
01X ..... 0.098" (BOARD SIDE) - CN1



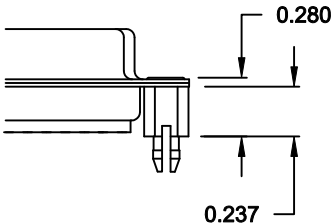
02X ..... 0.236" (BOARD SIDE) - CN2



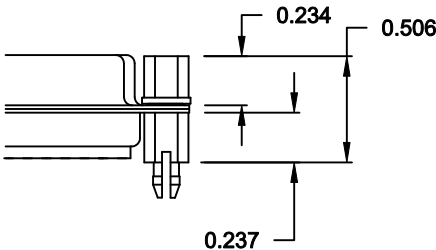
03X..... 0.236" (MATING SIDE) - CN8



05X ..... 0.237" (BOARD SIDE) - CN10



91X ..... 0.237" BOARD SIDE  
0.197 MATING SIDE  
CN10/SFSO4404



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

DO NOT SCALE FROM DRAWING



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DRAWN:  
**WAYNE ROBBINS**

DATE:  
**11-28-05**

CHECKED:

DATE:

**NorComp**

SCALE: SHEET 2 OF 2 REV 8

DWG NO. 171-YYY-20YLYY1

RoHS COMPLIANT