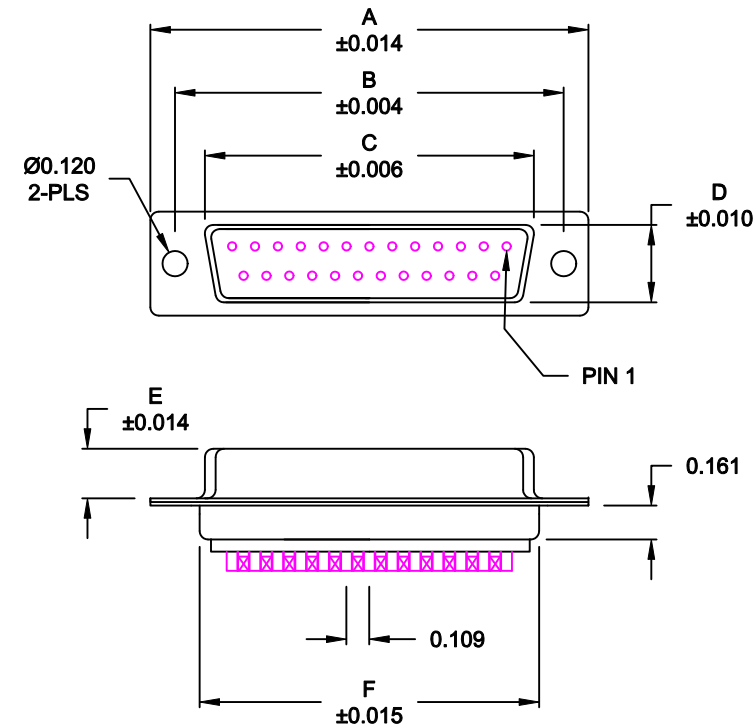


DESCRIPTION: FEMALE - SOLDER CUP / MACHINED - ECONOMY

WILL ACCEPT 26-20 AWG WIRE



MATERIAL:

SHELL: STEEL, NICKEL OR TIN PLATED  
INSULATOR: UL 94V-O RATED PBT-WHITE  
PROCESS TEMP.: 230° FOR CABLE APPLICATIONS, 260° FOR BOARD  
CONTACT: BRASS

ELECTRICAL:

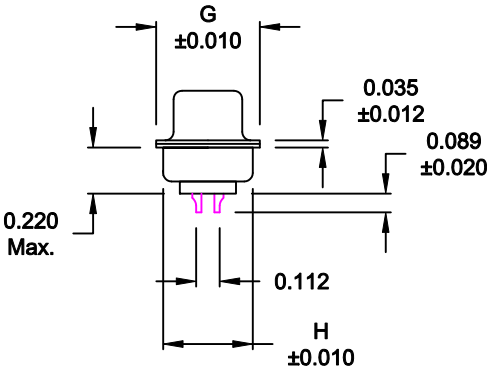
CURRENT RATING: 5 AMPS  
CONTACT RESISTANCE: 15 mOhms Max.  
INSULATION RESISTANCE: 1,000 MOhms min.  
VOLTAGE: 500VAC FOR 1 MINUTE  
TEMPERATURE: -50° C TO 100° C

RoHS COMPLIANT

| No. OF PINS | DIMENSIONS |       |       |       |       |       |       |       |
|-------------|------------|-------|-------|-------|-------|-------|-------|-------|
|             | A          | B     | C     | D     | E     | F     | G     | H     |
| 9           | 1.213      | 0.984 | 0.642 | 0.311 | 0.236 | 0.756 | 0.496 | 0.427 |
|             | 30.80      | 24.99 | 16.30 | 7.90  | 5.99  | 19.20 | 12.60 | 10.85 |
| 15          | 1.541      | 1.312 | 0.970 | 0.311 | 0.236 | 1.091 | 0.496 | 0.427 |
|             | 39.15      | 33.32 | 24.65 | 7.90  | 5.99  | 27.70 | 12.60 | 10.85 |
| 25          | 2.087      | 1.852 | 1.512 | 0.311 | 0.236 | 1.618 | 0.496 | 0.427 |
|             | 53.00      | 47.04 | 38.40 | 7.90  | 5.99  | 41.10 | 12.60 | 10.85 |
| 37          | 2.728      | 2.500 | 2.157 | 0.311 | 0.236 | 2.256 | 0.496 | 0.427 |
|             | 69.30      | 63.50 | 54.80 | 7.90  | 5.99  | 57.30 | 12.60 | 10.85 |
| 50          | 2.638      | 2.406 | 2.055 | 0.429 | 0.240 | 2.169 | 0.602 | 0.527 |
|             | 67.00      | 61.11 | 52.20 | 10.90 | 6.10  | 55.10 | 15.30 | 13.39 |

172-EYY-20YRYY1

SERIES  
POSITIONS  
E09  
E15  
E25  
E37  
E50  
GENDER  
2 = FEMALE  
TERMINATION  
0 = SOLDER CUP  
SHELL PLATING  
2 = TIN  
3 = NICKEL  
RoHS COMPLIANT  
HARDWARE OPTIONS  
00 = NO HARDWARE  
01 = .098" CLINCH NUT (BOARD SIDE)  
02 = .236" CLINCH NUT (BOARD SIDE)  
03 = .236" CLINCH NUT (MOUNTING SIDE)  
05 = .237" 4-40 BOARD LOCK  
91 = .237" 4-40 SPACER/ BOARD LOCK  
PLATING OPTIONS  
1 = GOLD FLASH  
2 = 30MICRO-INCH GOLD



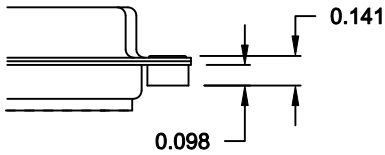
DO NOT SCALE FROM DRAWING

|                                                                                      |                                                                                                                                                                                             |                              |                                   |                          |                |                  |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------|--------------------------|----------------|------------------|
|  | 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>11-28-05</b> |                |                  |
|                                                                                      |                                                                                                                                                                                             | CHECKED:                     |                                   | DATE:                    |                |                  |
| <b>NorComp</b>                                                                       |                                                                                                                                                                                             |                              | SCALE:<br><b>1 : 1</b>            | SHEET<br><b>1</b>        | OF<br><b>2</b> | REV<br><b>10</b> |
|                                                                                      |                                                                                                                                                                                             |                              | DWG NO.<br><b>172-EYY-20YRYY1</b> |                          |                |                  |

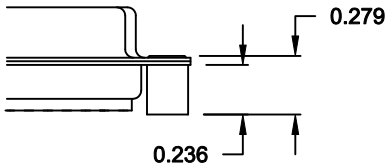
TOLERANCE:  
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

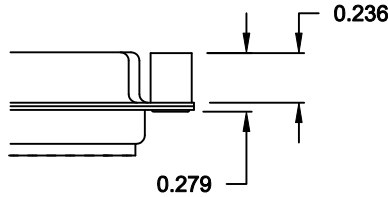
01X ..... 0.098" (BOARD SIDE) - CN1



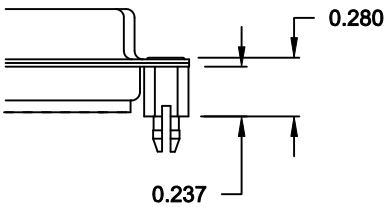
02X ..... 0.236" (BOARD SIDE) - CN2



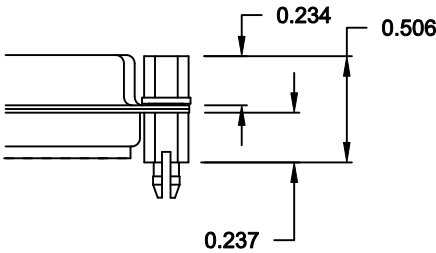
03X..... 0.236" (MATING SIDE) - CN8



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

|                                                                                      |                                                                                                                                                                                             |                                |  |                          |  |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|--------------------------|--|
|  | 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>WAYNE ROBBINS</b> |  | DATE:<br><b>11-28-05</b> |  |
|                                                                                      |                                                                                                                                                                                             | CHECKED:                       |  | DATE:                    |  |
| <b>NorComp</b>                                                                       | SCALE:                                                                                                                                                                                      | SHEET 2 OF 2                   |  | REV 10                   |  |
|                                                                                      | DWG NO. 172-EYY-20YRY1                                                                                                                                                                      |                                |  |                          |  |

RoHS COMPLIANT