

## 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

CONTACTS: COPPER ALLOY, GOLD PLATED

## ELECTRICALS:

CURRENT RATING: 5 AMPS

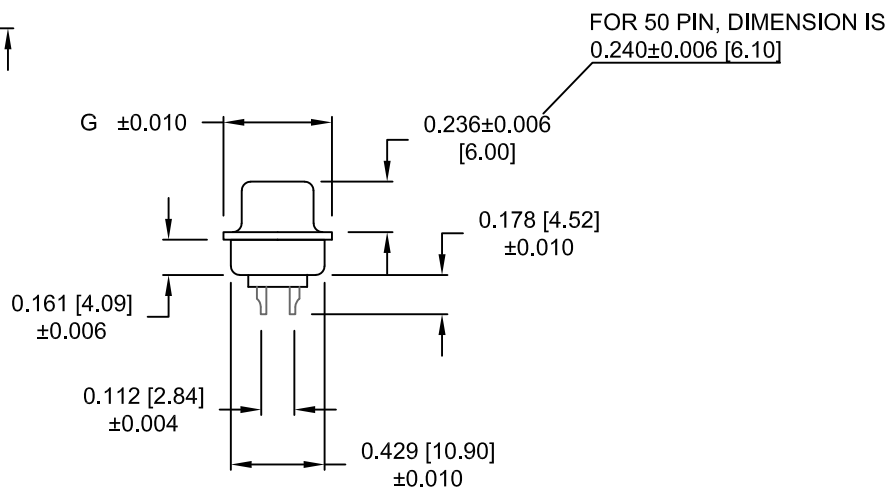
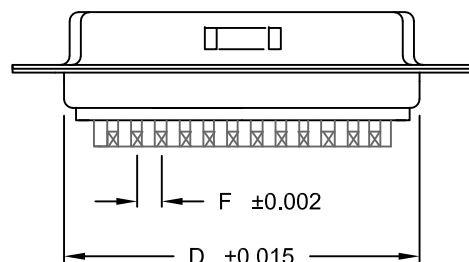
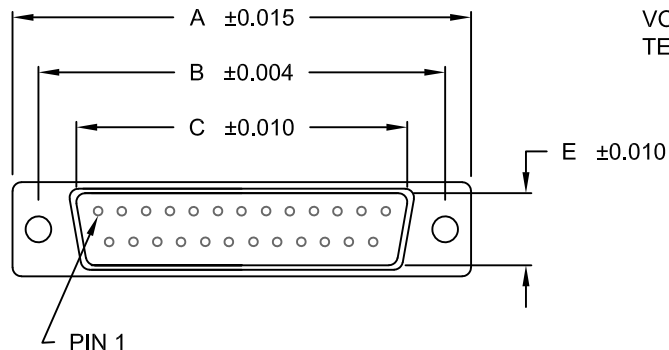
CONTACT RESISTANCE: 15 mOHMS MAX

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<br>30.80 | 0.984<br>24.99 | 0.666<br>16.92 | 0.756<br>19.20 | 0.329<br>8.36 | .109<br>2.77 | 0.496<br>12.60 |
| 15   | 1.541<br>39.15 | 1.312<br>33.32 | 0.994<br>25.25 | 1.091<br>27.70 | 0.329<br>8.36 | .109<br>2.77 | 0.496<br>12.60 |
| 25   | 2.087<br>53.00 | 1.852<br>47.04 | 1.534<br>38.96 | 1.618<br>41.10 | 0.329<br>8.36 | .109<br>2.77 | 0.496<br>12.60 |
| 37   | 2.732<br>69.30 | 2.500<br>63.50 | 2.181<br>55.42 | 2.256<br>57.30 | 0.329<br>8.36 | .109<br>2.77 | 0.496<br>12.60 |
| 50   | 2.638<br>67.00 | 2.406<br>61.00 | 2.079<br>52.80 | 2.169<br>55.10 | .436<br>11.07 | .109<br>2.77 | .602<br>15.30  |



171-YYY-10YLYY1

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

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING



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DRAWN:

J. KADEL

DATE:

07/24/2018

NorComp

SCALE:

NTS

SHEET

1

OF

2

REV

12

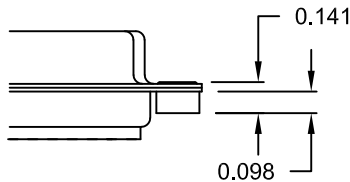
DWG NO.

171-YYY-10YLYY1

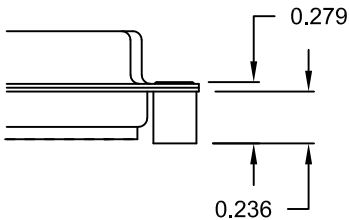
TOLERANCE:  
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

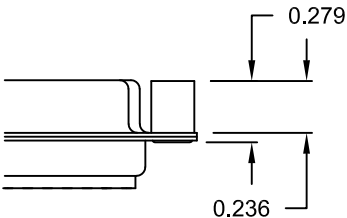
01X ..... 0.098" (BOARD SIDE) - CN1



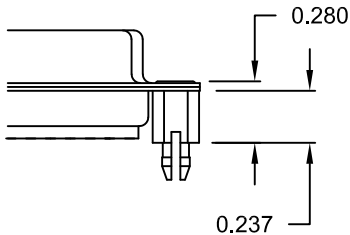
02X ..... 0.236" (BOARD SIDE) - CN2



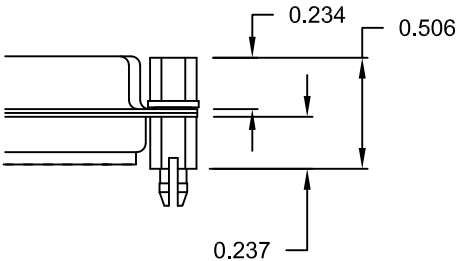
03X..... 0.236" (MATING SIDE) - CN8



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

RoHS COMPLIANT

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING

|                                                                                    |                                                                                                                                                                                             |                     |                                                                                       |                            |            |         |           |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------|----------------------------|------------|---------|-----------|
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|                                                                                    |                                                                                                                                                                                             | DATE:<br>07/24/2018 |                                                                                       | DWG NO.<br>171-YYY-10YLYY1 |            |         |           |