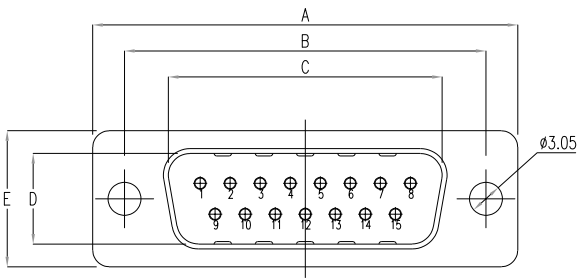
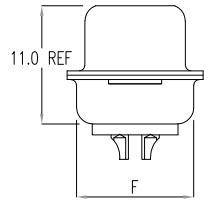
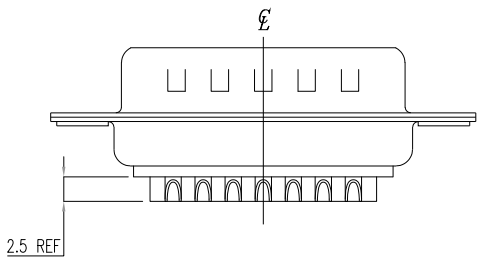


DESCRIPTION: MALE - SOLDER CUP / MACHINED - ECONOMY



| DIMENSIONS(mm) |                                     |                                     |                                     |                                     |                                     |                                     |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| SIZE           | A <sup>+0.39</sup> <sub>-0.39</sub> | B <sup>+0.25</sup> <sub>-0.25</sub> | C <sup>+0.25</sup> <sub>-0.25</sub> | D <sup>+0.25</sup> <sub>-0.34</sub> | E <sup>+0.38</sup> <sub>-0.38</sub> | F <sup>+0.25</sup> <sub>-0.25</sub> |
| 9              | 30.81                               | 24.99                               | 16.92                               | 8.36                                | 12.55                               | 10.80                               |
| 15             | 39.19                               | 33.32                               | 25.25                               | 8.36                                | 12.55                               | 10.80                               |
| 25             | 53.04                               | 47.04                               | 38.96                               | 8.36                                | 12.55                               | 10.80                               |
| 37             | 69.32                               | 63.50                               | 55.42                               | 8.36                                | 12.55                               | 10.80                               |
| 50             | 67.00                               | 61.10                               | 52.80                               | 11.26                               | 15.40                               | 13.30                               |

WILL ACCEPT 26-20 AWG WIRE



**MATERIAL:**

- SHELL: NICKEL OR TIN PLATED STEEL
- INSULATOR: PA6T, UL 94 V-0
- PROCESS TEMP.: 260°C
- CONTACT: BRASS

**ELECTRICAL:**

- CURRENT RATING: 5 AMPS
- CONTACT RESISTANCE: 15 mOhms Max.
- INSULATION RESISTANCE: 1,000 MOhms min.
- VOLTAGE: 500VAC FOR 1 MINUTE
- TEMPERATURE: -55° C TO 125° C

RoHS COMPLIANT

**172-EYY-10YRYY1**

SERIES \_\_\_\_\_

POSITIONS \_\_\_\_\_

- E09
- E15
- E25
- E37
- E50

GENDER \_\_\_\_\_

- 1 = MALE

TERMINATION \_\_\_\_\_

- 0 = SOLDER CUP

SHELL PLATING \_\_\_\_\_

- 2 = TIN (N/A FOR HW "01" / "02" / "03")
- 3 = NICKEL (GROUND INDENTS)

RoHS COMPLIANT \_\_\_\_\_

HARDWARE OPTIONS \_\_\_\_\_

- 00 = NO HARDWARE
- 01 = .098" CLINCH NUT (SOLDER SIDE)
- 02 = .236" CLINCH NUT (SOLDER SIDE)
- 03 = .236" CLINCH NUT (MATING SIDE)
- 05 = .237" 4-40 BOARD LOCK
- 91 = .237" 4-40 SPACER/ BOARD LOCK

PLATING OPTIONS \_\_\_\_\_

- 1 = GOLD FLASH
- 2 = 30µ" GOLD

UNITS = mm

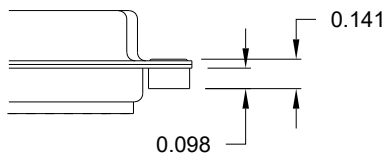
DO NOT SCALE FROM DRAWING

|                                |   |  |                              |                            |
|--------------------------------|---|--|------------------------------|----------------------------|
|                                | 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>   |
|                                | <h1>NorComp</h1>  |  | SCALE:<br><b>NTS</b>         | SHEET <b>1</b> OF <b>2</b> |
| DWG NO. <b>172-EYY-10YRYY1</b> |   |  |                              |                            |

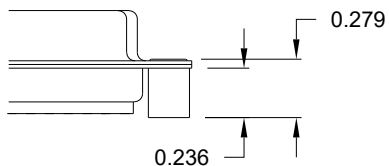
**TOLERANCE:**  
ALL DIMENSIONS ARE ±0.010

**ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS**

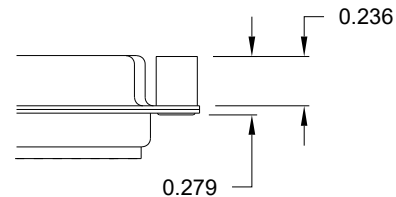
01X ..... 0.098" (SOLDER SIDE)



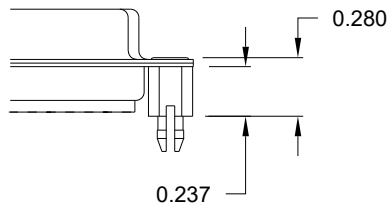
02X ..... 0.236" (SOLDER SIDE)



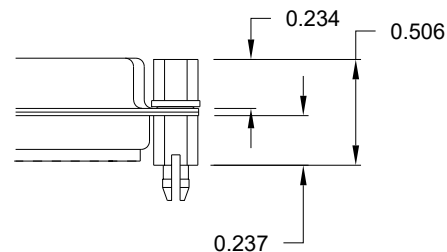
03X..... 0.236" (MATING SIDE)



05X ..... 0.237" (SOLDER SIDE)



91X ..... 0.237" (SOLDER SIDE)



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

UNITS = INCH

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DRAWN:  
**PAM JENKINS**

DATE:  
**11-28-05**

**NorComp**

SCALE: **NTS** SHEET **2** OF **2** REV **15**

DWG NO. **172-EYY-10YRYY1**

**RoHS COMPLIANT**