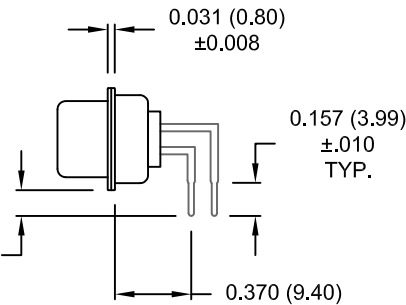
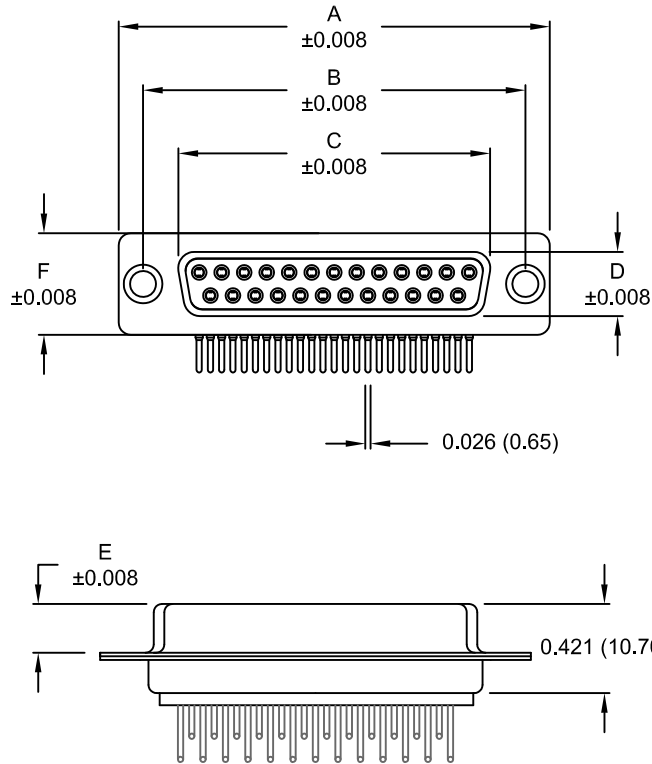


DESCRIPTION: FEMALE - 0.370 RIGHT ANGLE / MACHINED - ECONOMY



| DIMENSIONS (inch/mm) | | | | | | |
|----------------------|-------|-------|-------|-------|-------|-------|
| No. OF PINS | A | B | C | D | E | F |
| 9 | 1.213 | 0.984 | 0.642 | 0.311 | 0.228 | 0.492 |
| | 30.80 | 25.00 | 16.30 | 7.90 | 5.80 | 12.50 |
| 15 | 1.541 | 1.312 | 0.970 | 0.311 | 0.228 | 0.492 |
| | 39.20 | 33.30 | 24.60 | 7.90 | 5.80 | 12.50 |
| 25 | 2.089 | 1.852 | 1.512 | 0.311 | 0.228 | 0.492 |
| | 53.05 | 47.05 | 38.40 | 7.90 | 5.80 | 12.50 |
| 37 | 2.728 | 2.500 | 2.157 | 0.311 | 0.228 | 0.492 |
| | 69.40 | 63.50 | 54.80 | 7.90 | 5.80 | 12.50 |
| 50 | 2.638 | 2.402 | 2.055 | 0.429 | 0.236 | 0.602 |
| | 67.00 | 61.00 | 52.20 | 10.90 | 6.00 | 15.30 |

174-EYY-21YRYY1

SERIES _____
 POSITIONS _____
 E09 _____
 E15 _____
 E25 _____
 E37 _____
 E50 _____
 GENDER _____
 2 = FEMALE
 TERMINATION _____
 1 = PC MOUNTING
 SHELL PLATING _____
 3 = NICKEL
 RoHS COMPLIANT _____
 HARDWARE OPTIONS _____
 00 = NO HARDWARE
 01 = 0.098" CLINCH NUT (BOARD SIDE)
 14 = SHORT BRACKET WITH 4-40 SCREW LOCK
 24 = SHORT BRACKET WITH 4-40 SCREW
 46 = BRACKET WITH 4-40 INSERT AND BOARDLOCK
 PLATING OPTIONS _____
 1 = GOLD FLASH
 2 = 30MICRO-INCH GOLD
 3 = 50MICRO-INCH GOLD

MATERIAL:

SHELL: STEEL, NICKEL PLATED
 INSULATOR: UL 94V-O RATED, WHITE PA6T
 PROCESS TEMP.: 260° PROCESS TEMPERATURE
 CONTACT: PRECISION MACHINED COPPER ALLOY

ELECTRICAL:

CURRENT RATING: 5 AMPS
 CONTACT RESISTANCE: 10 mOhms Max.
 INSULATION RESISTANCE: 5 GOhms Min.
 VOLTAGE: 1000 V AC FOR 1 MINUTE
 TEMPERATURE: -55° C TO +125° C

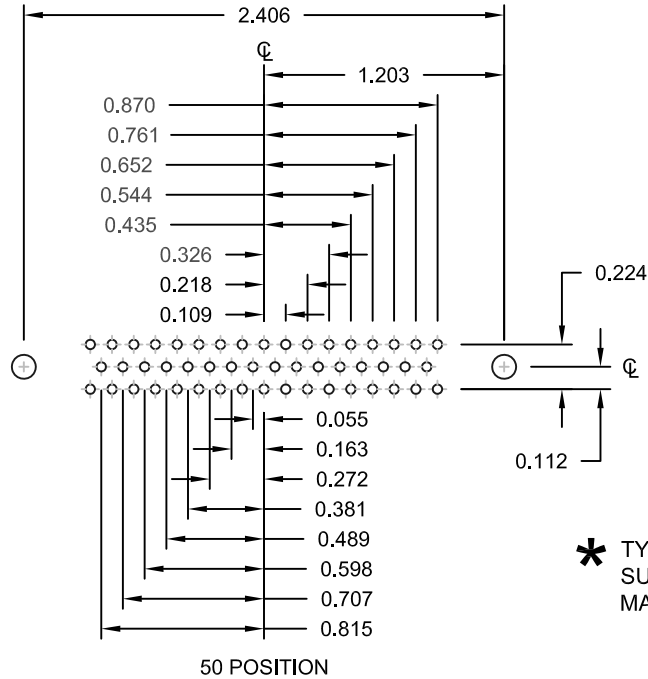
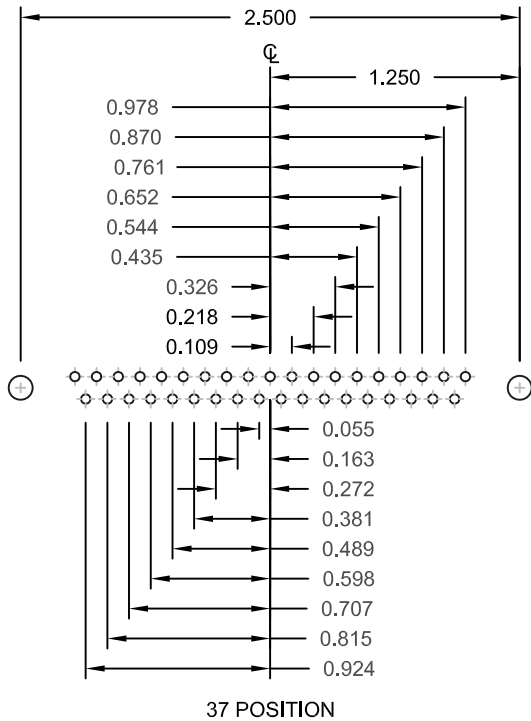
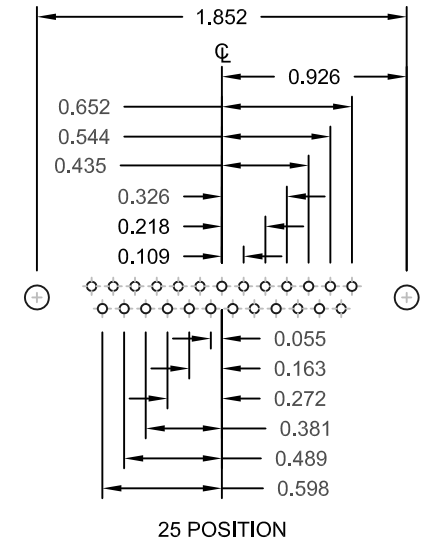
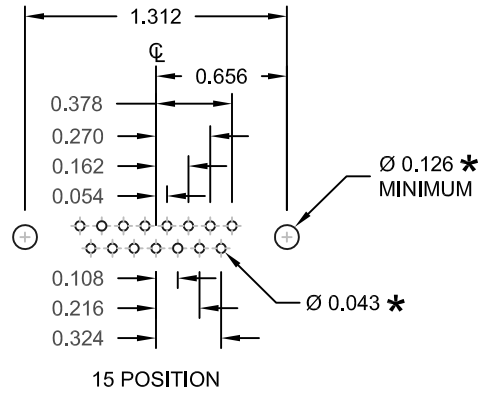
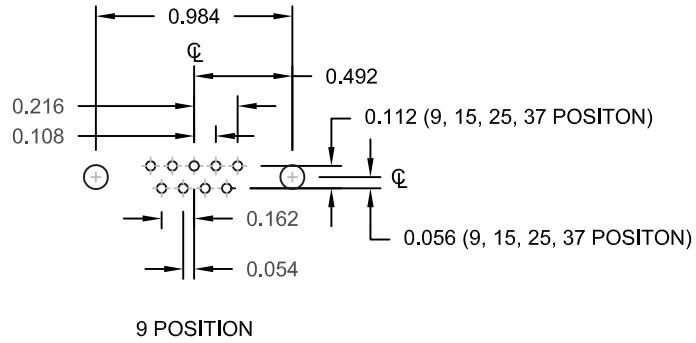
UNITS = inch [mm]

DO NOT SCALE FROM DRAWING

RoHS COMPLIANT

| | | | |
|-------------------------|---|-----------------------|-------------------|
| | 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: PAM JENKINS | DATE: 11-28-05 |
| | | SCALE: NTS | SHEET OF 1 3 |
| DWG NO. 174-EYY-21YRYY1 | | | |

DESCRIPTION: PCB LAYOUT



UNITS = inch

* TYP. SUGGESTED SIZE MAY NOT BE SUITABLE FOR ALL APPLICATIONS

DO NOT SCALE FROM DRAWING

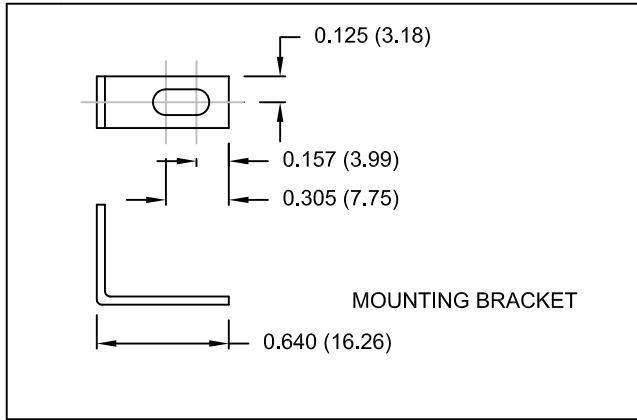


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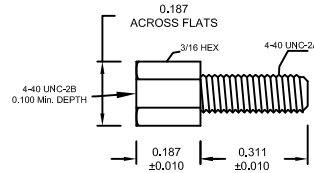
| | | | |
|------------------------|------------|-------------------|-----------|
| DRAWN: PAM JENKINS | | DATE: 11-28-05 | |
| SCALE: NTS | SHEET 2 | OF 3 | REV 15 |
| DWG NO. 174-EYY-21YRY1 | | | |

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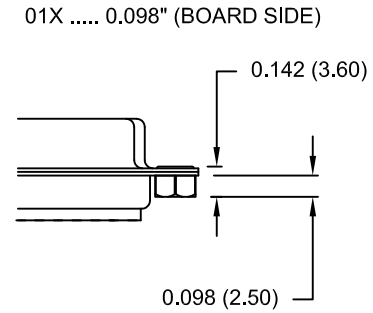
DESCRIPTION: HARDWARE



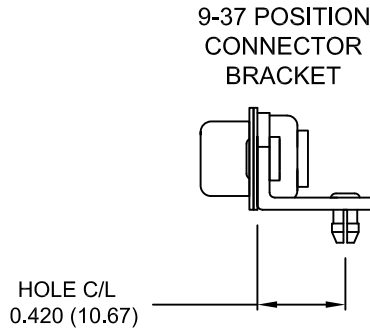
14Y = SHORT BRACKET & 4-40 FEMALE HEX SOCKET
 24Y = SHORT BRACKET & 4-40 SCREW



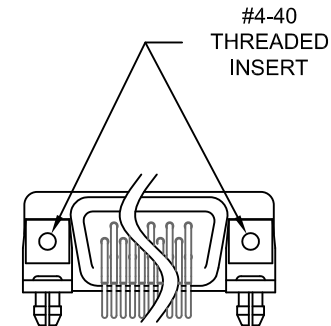
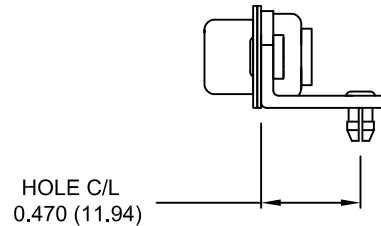
CLINCH-NUT HAS 4-40 INTERNAL THREADS



46Y = BRACKET WITH 4-40 INSERT AND BOARDLOCK



50 POSITION CONNECTOR BRACKET
 NOTE: LOCATOR PLATE PRESENT ON 50 PIN ONLY



BRACKETS MOUNTED ON CONNECTOR

DO NOT SCALE FROM DRAWING

UNITS = inch [mm]



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| | | | |
|------------------------|------------|-------------------|-----------|
| DRAWN: PAM JENKINS | | DATE: 11-28-05 | |
| SCALE: NTS | SHEET 3 | OF 3 | REV 15 |
| DWG NO. 174-EYY-21YRY1 | | | |

RoHS COMPLIANT

NorComp