

SPECIFICATIONS:

MATERIALS:

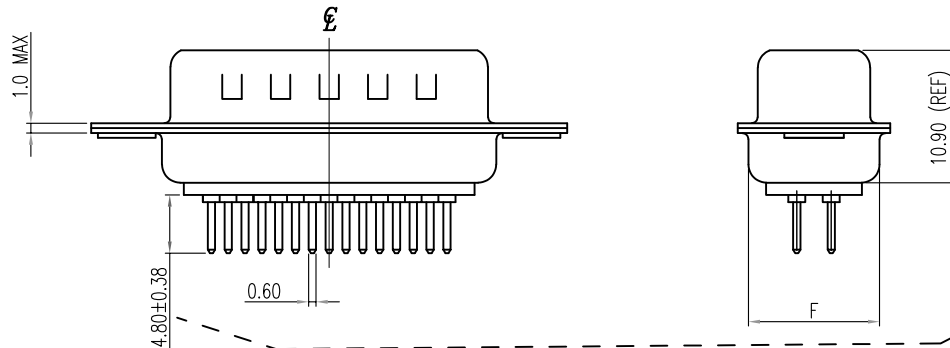
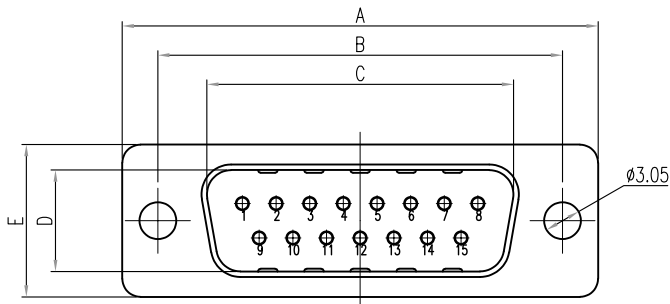
INSULATOR: GLASS-FILLED NYLON THERMOPLASTIC, UL94 V-0
 PROCESS TEMP: 260°C
 CONTACTS: GOLD PLATED BRASS
 SHELL: NICKEL PLATED STEEL

ELECTRICAL:

RATED CURRENT: 5A
 WORKING VOLTAGE: 250VAC
 INSULATION RESISTANCE: 1000 MOhms MIN.
 CONTACT RESISTANCE: 15 mOhms MAX.

ENVIRONMENT:

OPERATING TEMPERATURE: -55°C TO +125°C



| DIMENSIONS(mm) | | | | | | |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| SIZE | A ^{+0.38} _{-0.38} | B ^{+0.25} _{-0.25} | C ^{+0.25} _{-0.25} | D ^{+0.25} _{-0.34} | E ^{+0.38} _{-0.38} | F ^{+0.25} _{-0.25} |
| 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 |

172-EYY-11YRYY1

- SERIES _____
- POSITIONS _____
- 09 _____
- 15 _____
- 25 _____
- 37 _____
- 50 _____
- GENDER _____
- 1 = MALE
- TERMINATION LENGTH _____
- 1 = 4.80mm [0.189"]
- D = 10.00mm [0.394"]
- SHELL PLATING _____
- 3 = NICKEL (GROUND INDENTS)
- 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
- 08 = .228" 4-40 BOARD LOCK
- 90 = .237" 4-40 BOARD LOCK (FOR 0.093" BOARD MAX.)
- 91 = .237" 4-40 SPACER/ BOARD LOCK
- 92 = .237" 4-40 SPACER/ BOARD LOCK (FOR 0.093" BOARD MAX.)
- PLATING OPTIONS _____
- 1 = GOLD FLASH
- 2 = 30MICRO-INCH GOLD
- 3 = 50 MICRO-INCH GOLD
- 5 = 15 MICRO-INCH GOLD

RoHS COMPLIANT

UNITS = mm [inch]

DO NOT SCALE FROM DRAWING



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DRAWN:
P. JENKINS

DATE:
11/28/2005

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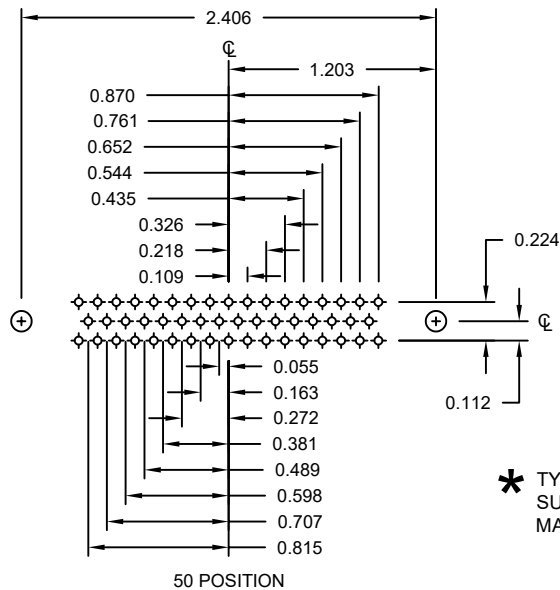
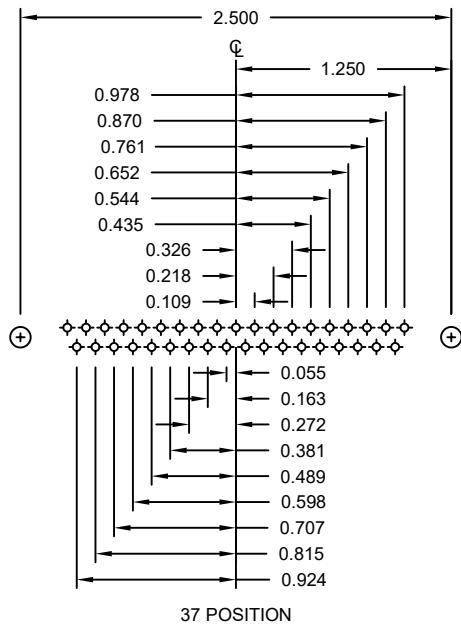
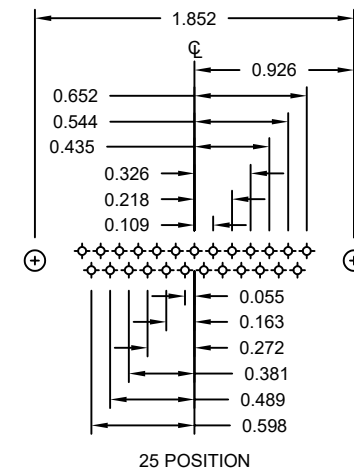
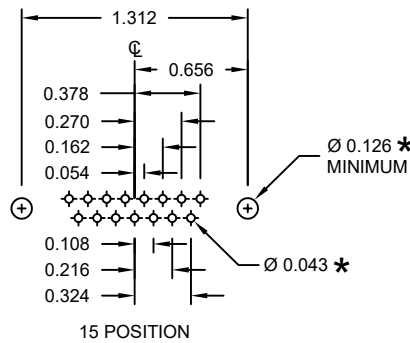
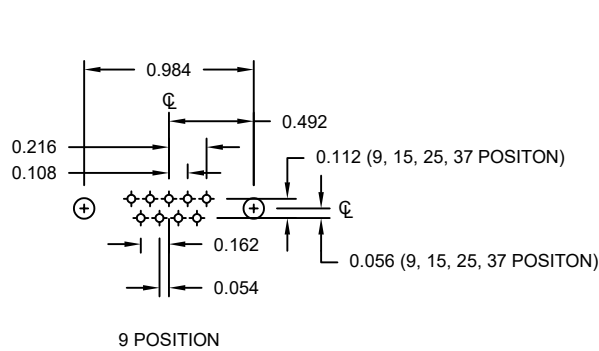
SCALE:
NTS

SHEET OF
1 3

REV
23

DWG NO.

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

RoHS COMPLIANT

UNITS = inch

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SCALE: NTS

SHEET 2 OF 3

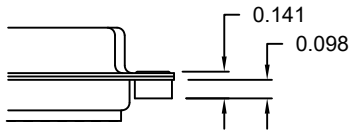
REV 23

DWG NO.

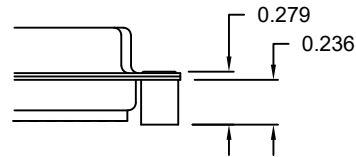
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ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

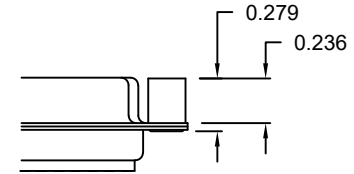
01 0.098" (BOARD SIDE)



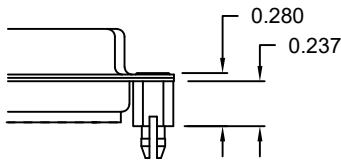
02 0.236" (BOARD SIDE)



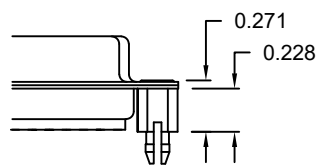
03 0.236" (MATING SIDE)



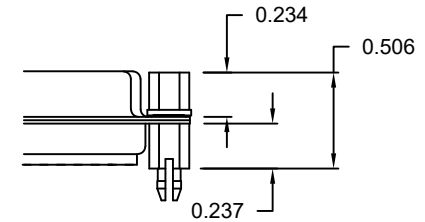
05 0.237" (BOARD SIDE)



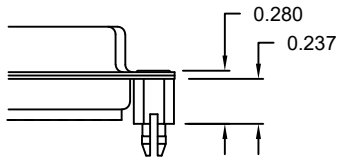
08 0.228" (BOARD SIDE)



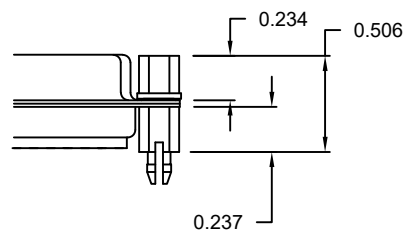
91 0.237" BOARD SIDE



90 0.237" (BOARD SIDE)



92 0.237" BOARD SIDE



NOTE 1: 4-40 FEMALE SCREW LOCKS ARE REMOVABLE
 NOTE 2: 90 & 92 OPTIONS DESIGNED FOR 0.093" PCB THICKNESS
 NOTE 3: 05, 08, & 91 OPTIONS DESIGNED FOR 0.063" PCB THICKNESS

TOLERANCE:
 ALL DIMENSIONS ARE ± 0.010

RoHS COMPLIANT

UNITS = inch

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