

**SPECIFICATIONS:**

**MATERIALS:**

SHELL: NICKEL PLATED STEEL  
 INSULATOR: PA6T, UL94 V-0  
 PROCESS TEMP: 260°C  
 CONTACTS: GOLD PLATED BRASS (FLOATING CONTACTS)

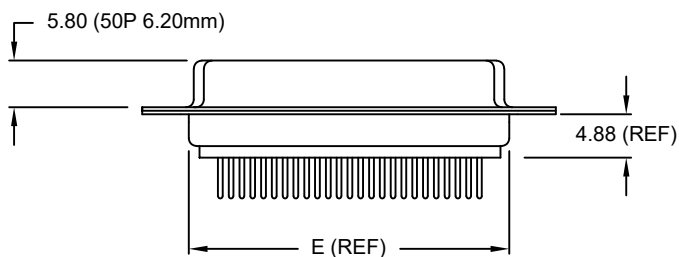
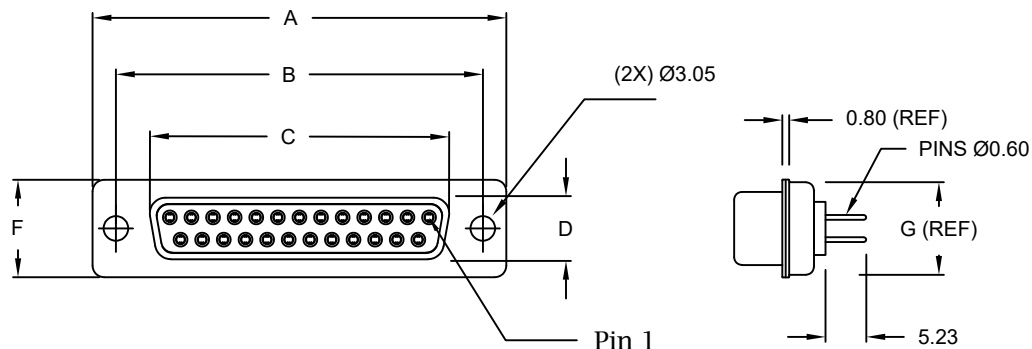
**ELECTRICAL:**

RATED CURRENT: 5A  
 VOLTAGE: 500VAC FOR 1 MINUTE  
 INSULATION RESISTANCE: 1000 MOhms MIN.  
 CONTACT RESISTANCE: 15 mOhms MAX.

**ENVIRONMENT:**

OPERATING TEMPERATURE: -50°C TO +100°C

DIMENSIONS(mm)							
SIZE	A <sup>±.36</sup>	B <sup>±.10</sup>	C <sup>±.15</sup>	D <sup>±.15</sup>	E <sup>±.38</sup>	F <sup>±.25</sup>	G (REF)
9	30.80	24.99	16.30	8.00	19.20	12.60	10.75
15	39.15	33.32	24.60	8.00	27.70	12.60	10.75
25	53.04	47.04	38.40	8.00	41.10	12.60	10.75
37	69.32	63.50	54.80	8.00	57.30	12.60	10.75
50	66.93	61.11	52.30	10.80	55.10	15.20	13.30



**172-YYY-213RYY1**

- SERIES \_\_\_\_\_
- POSITIONS \_\_\_\_\_
- 009 \_\_\_\_\_
- 015 \_\_\_\_\_
- 025 \_\_\_\_\_
- 037 \_\_\_\_\_
- 050 \_\_\_\_\_
- GENDER \_\_\_\_\_
- 2 = FEMALE \_\_\_\_\_
- TERMINATION \_\_\_\_\_
- 1 = DIP SOLDER \_\_\_\_\_
- SHELL PLATING \_\_\_\_\_
- 3 = NICKEL \_\_\_\_\_
- HARDWARE OPTIONS \_\_\_\_\_
- 00 = NO HARDWARE \_\_\_\_\_
- 01 = .098" NUT (PCB SIDE) \_\_\_\_\_
- 02 = .236" NUT (PCB SIDE) \_\_\_\_\_
- 03 = .236" NUT (MATING SIDE) \_\_\_\_\_
- 05 = .237" 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 \_\_\_\_\_

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING



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DRAWN:  
P. JENKINS

DATE:  
09/12/2005

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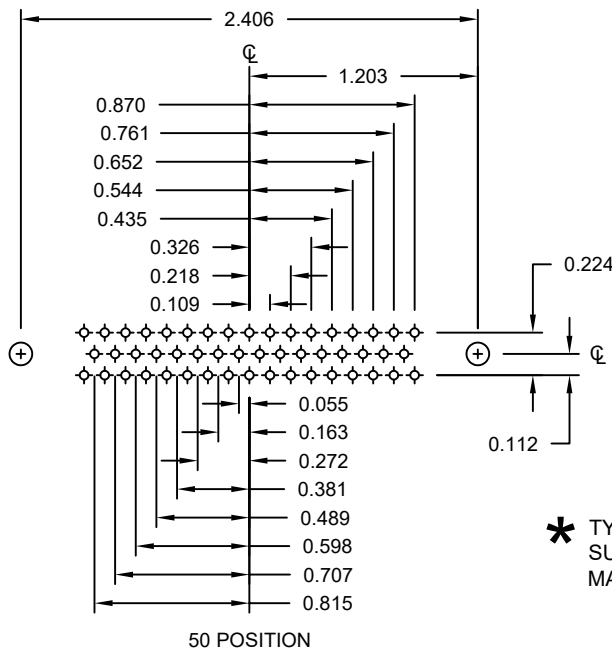
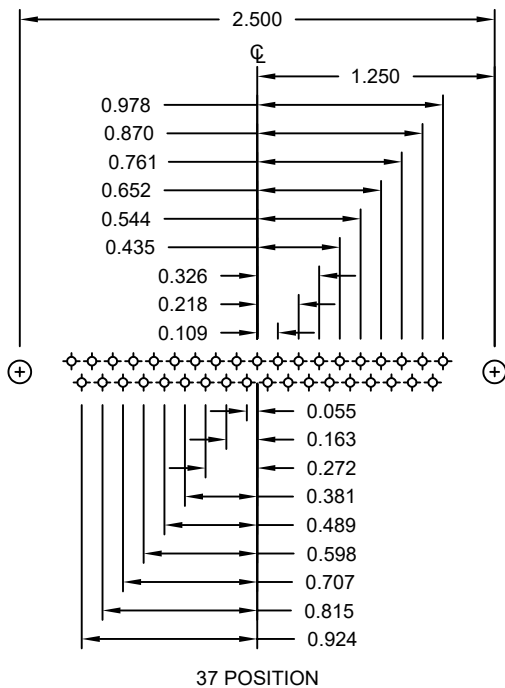
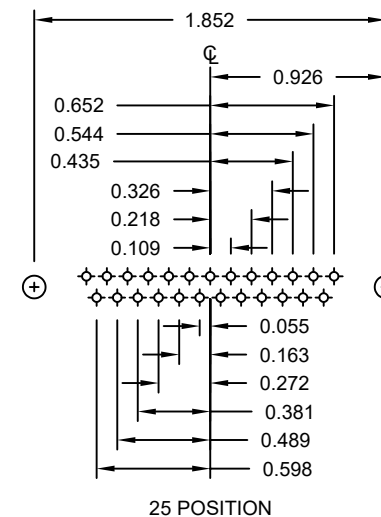
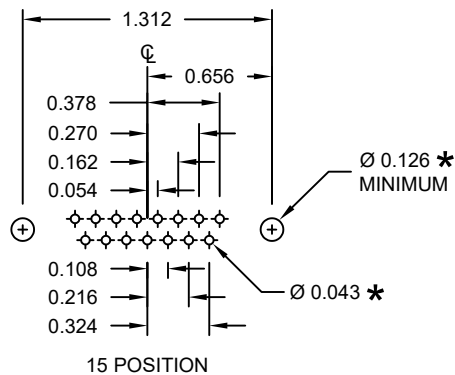
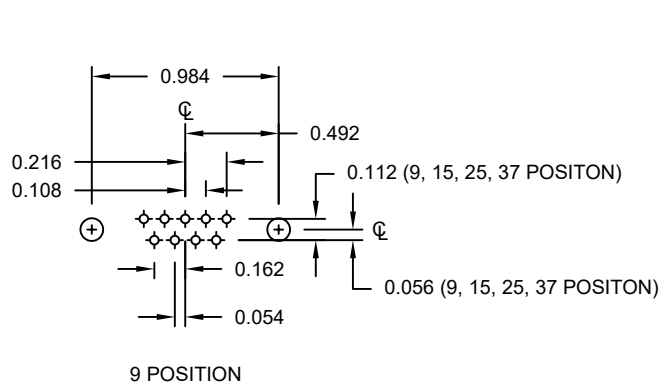
SCALE:  
NTS

SHEET OF  
1 3

REV  
24

DWG NO.

172-YYY-213RYY1



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

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UNITS = inch

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SCALE:  
NTS

SHEET OF  
2 3

REV  
24

DWG NO.

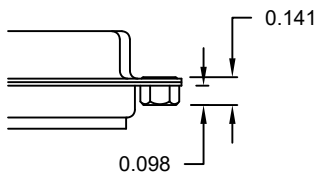
172-YYY-213RYY1

**TOLERANCE:**  
 ALL DIMENSIONS ARE ±0.010  
 UNLESS OTHERWISE  
 SPECIFIED

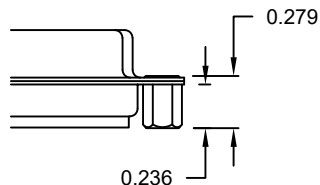
**ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS**

**\*\*NOTE: 90 & 92 OPTION FOR 0.093" MAX. BOARD THICKNESS**

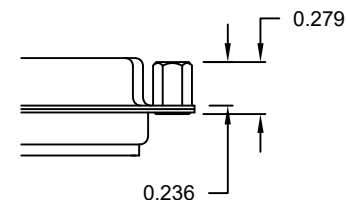
"01" // PCB SIDE



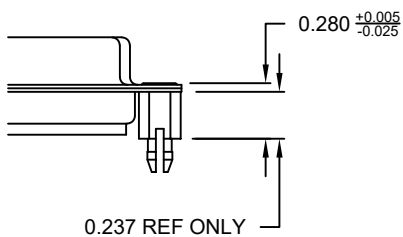
"02" // PCB SIDE



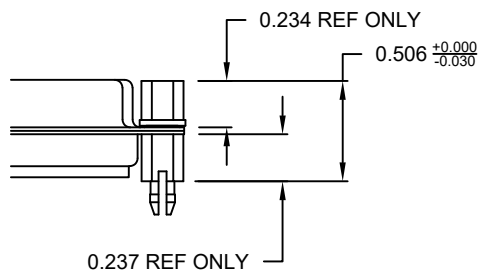
"03" // MATING SIDE



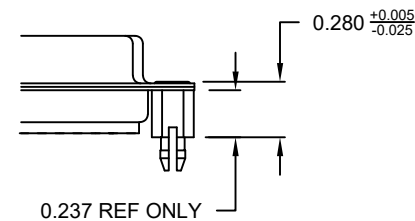
"05" // PCB SIDE



"91" // PCB SIDE

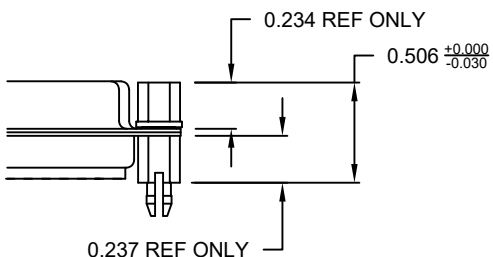


"90" // PCB SIDE \*\*



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

"92" // PCB SIDE \*\*



**50 in-oz  
 Max Torque**

UNITS = inch

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