

DESCRIPTION: MALE // VERT DIP SOLDER // MACHINED

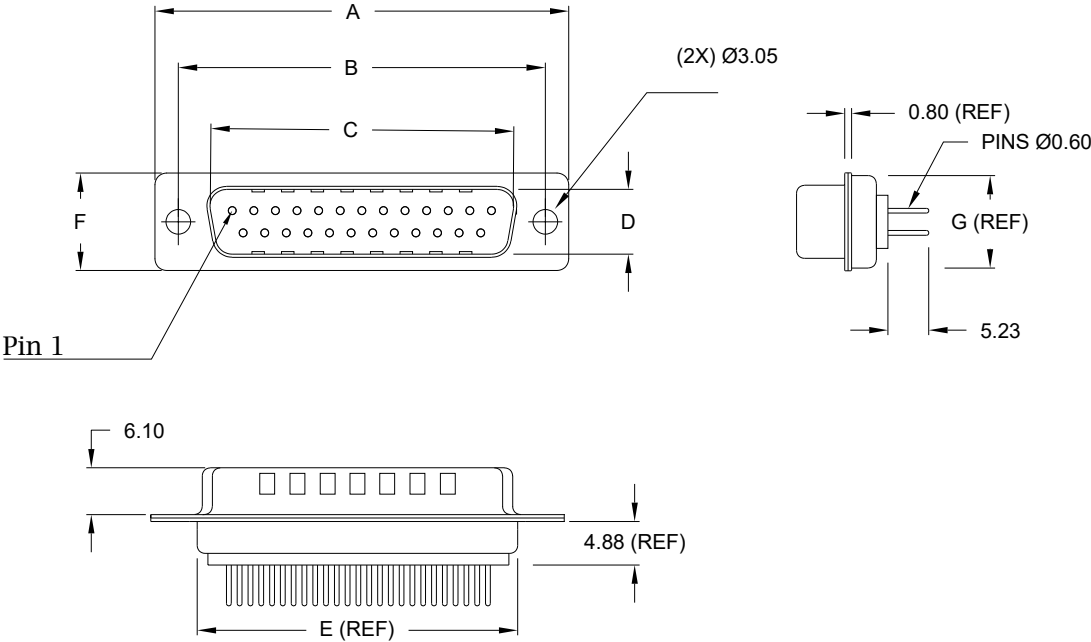
SPECIFICATIONS:

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±.36	B±.10	C±.15	D±.15	E±.38	F±.25	G (REF)
9	30.80	24.99	17.00	8.40	19.20	12.60	10.75
15	39.15	33.32	25.30	8.40	27.70	12.60	10.75
25	53.04	47.04	39.00	8.40	41.10	12.60	10.75
37	69.32	63.50	55.40	8.40	57.30	12.60	10.75
50	66.93	61.11	52.80	11.10	55.10	15.20	13.30



172-YYY-113RYY1

SERIES _____
POSITIONS _____
009
015
025
037
050
GENDER _____
1 = MALE
TERMINATION _____
1 = DIP SOLDER
SHELL PLATING _____
3 = NICKEL (GROUND INDENTS)

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



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DRAWN:
P. JENKINS

DATE:
09/12/2005

UNITS = mm

DO NOT SCALE FROM DRAWING

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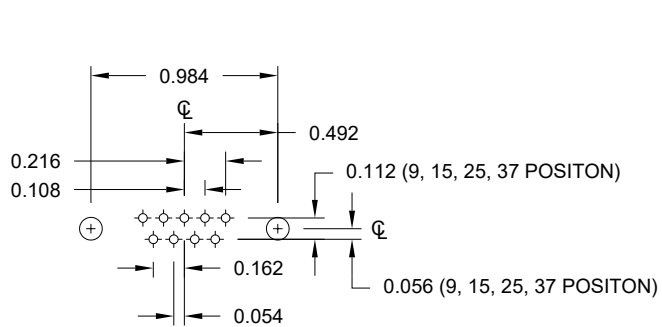
SCALE:
NTS

SHEET OF
1 3

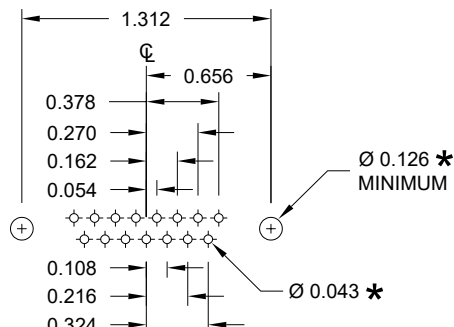
REV
23

DWG NO.

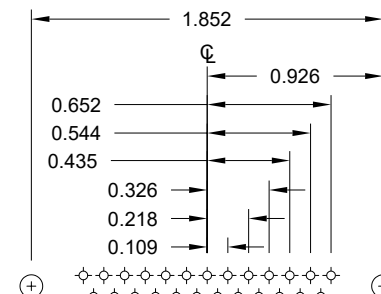
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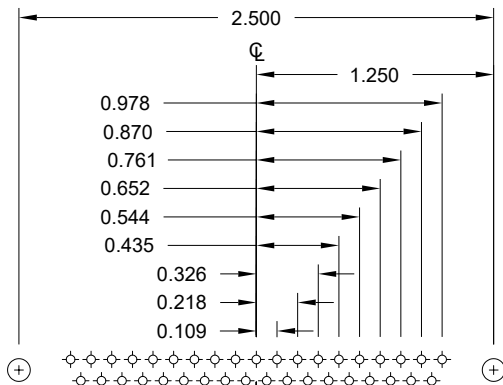
9 POSITION



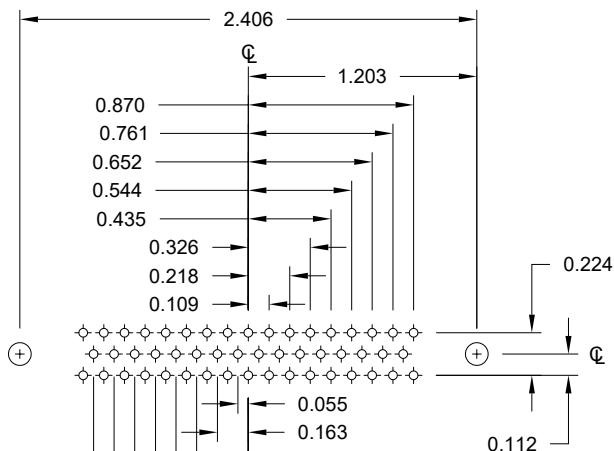
15 POSITION



25 POSITION



37 POSITION



50 POSITION

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

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DRAWN:
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DATE:
09/12/2005

UNITS = inch

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SCALE:
NTS

SHEET OF
2 3

REV
23

DWG NO.

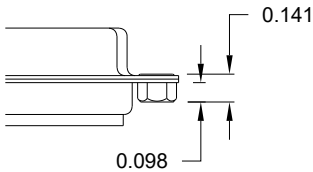
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TOLERANCE:
ALL DIMENSIONS ARE ± 0.010
UNLESS OTHERWISE
SPECIFIED

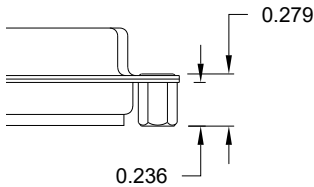
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

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

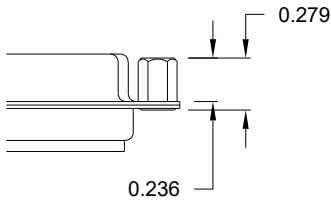
"01" // PCB SIDE



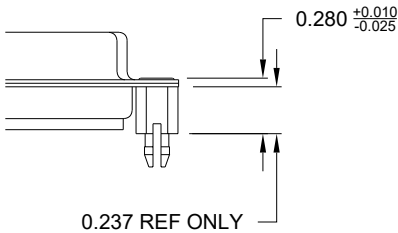
"02" // PCB SIDE



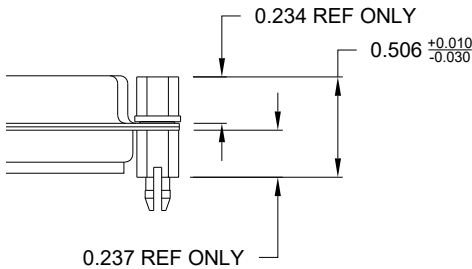
"03" // MATING SIDE



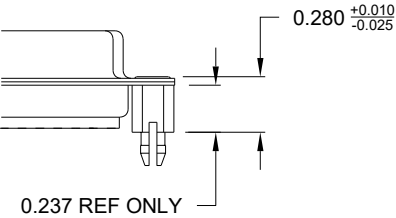
"05" // PCB SIDE



"91" // PCB SIDE

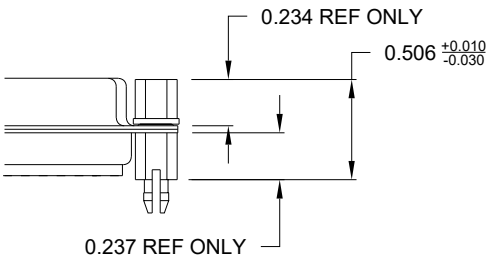


"90" // PCB SIDE **



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

"92" // PCB SIDE **



50 in-oz
Max Torque

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SCALE:
NTS

SHEET 3 OF 3

REV 23

DWG NO.

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