DESCRIPTION: FEMALE // 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)

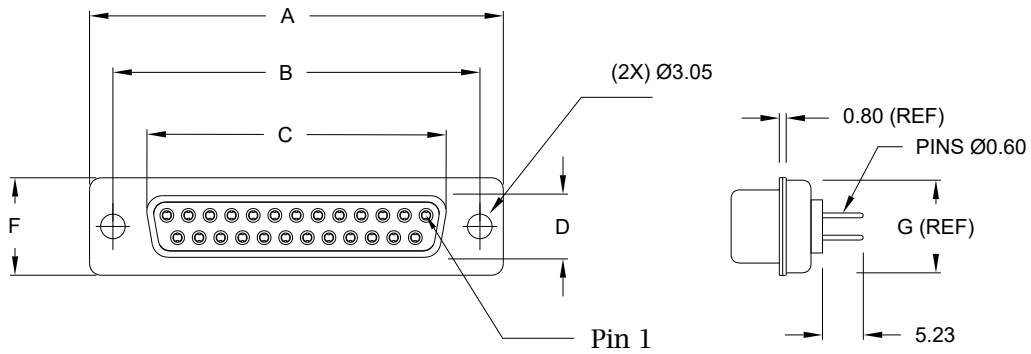
ELECTRICAL:

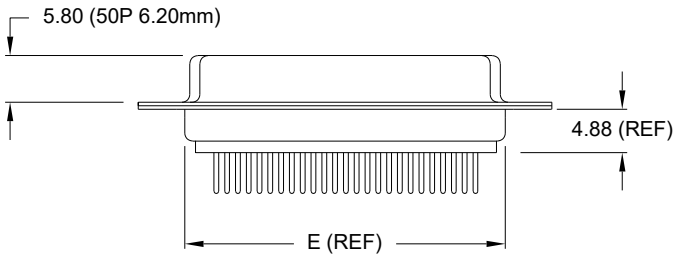
RATED CURRENT:	5A
VOLTAGE:	500VAC FOR 1 MINUTE
INSULATION RESISTANCE:	1000 MOhms MIN.
CONTACT RESISTANCE:	15 mOhms MAX.

ENVIRONMENT:

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

DIMENSIONS(mm)							
SIZE	$A^{\pm.36}$	$B^{\pm.10}$	$C^{\pm.15}$	$D^{\pm.15}$	$E^{\pm.38}$	$F^{\pm.25}$	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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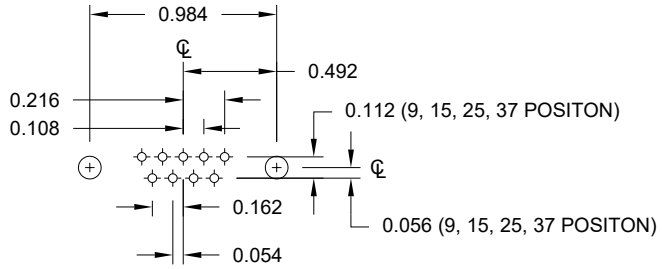
SCALE: NTS

SHEET 1 OF 3

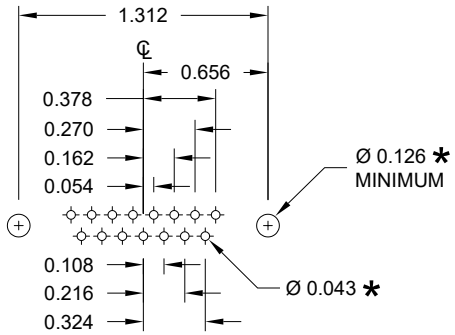
REV 25

DWG NO. 172-YYY-213RYY1

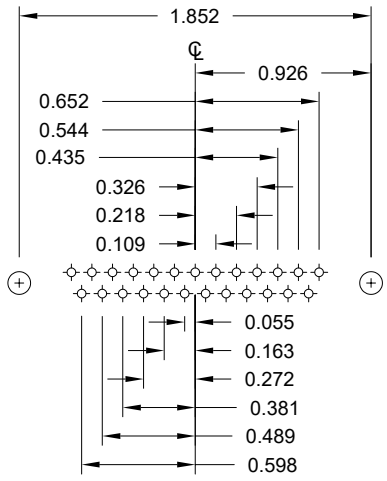
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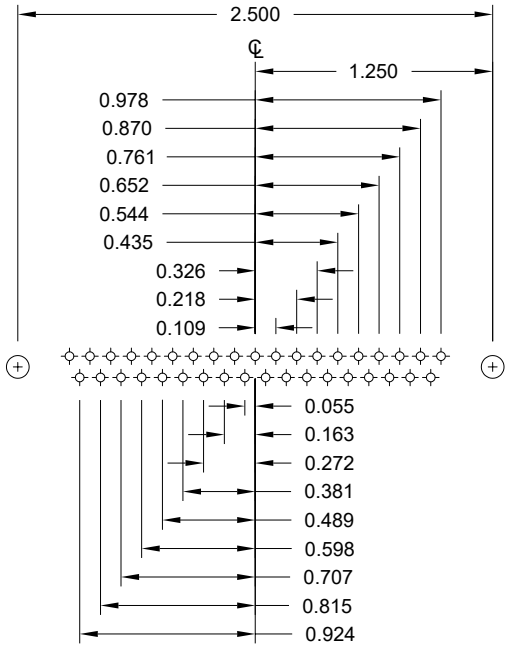
9 POSITION



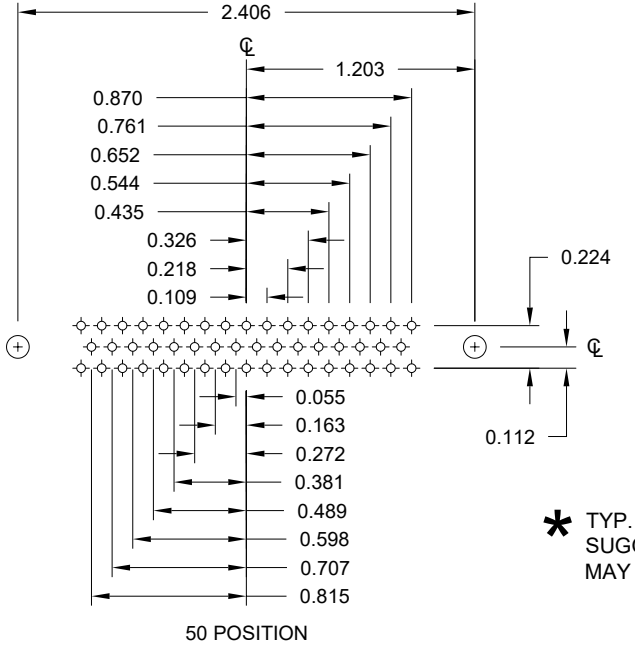
15 POSITION



25 POSITION



37 POSITION



50 POSITION

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

RoHS COMPLIANT

UNITS = inch

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SCALE:	SHEET	OF	REV
NTS	2	3	25

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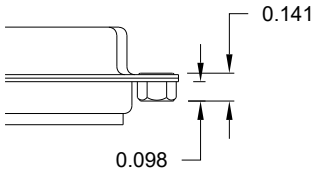
DESCRIPTION: FEMALE // VERT DIP SOLDER // MACHINED

TOLERANCE:
ALL DIMENSIONS ARE ±0.010
UNLESS OTHERWISE
SPECIFIED

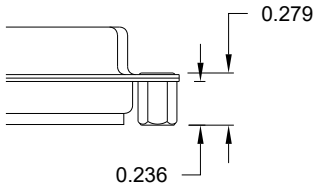
ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

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

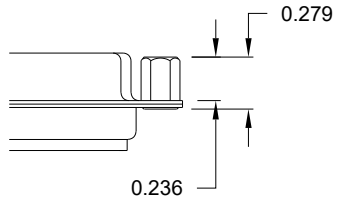
"01" // PCB SIDE



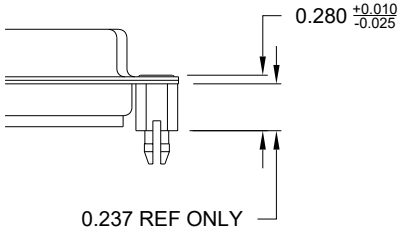
"02" // PCB SIDE



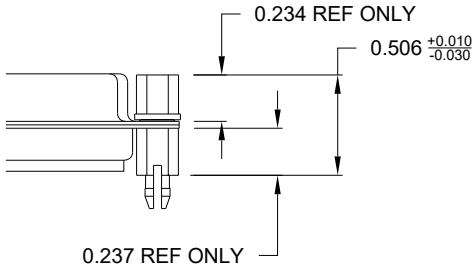
"03" // MATING SIDE



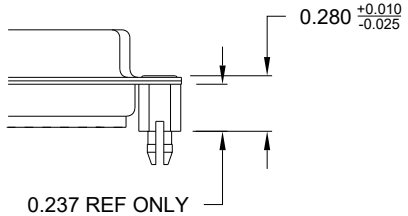
"05" // PCB SIDE



"91" // PCB SIDE

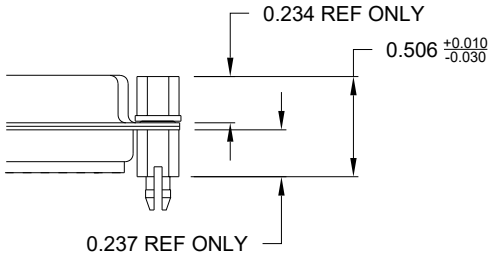


"90" // PCB SIDE **



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

"92" // PCB SIDE **



50 in-oz
Max Torque

RoHS COMPLIANT

UNITS = inch

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SCALE:	SHEET	OF	REV
NTS	3	3	25

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