

SPECIFICATIONS:

MATERIALS:

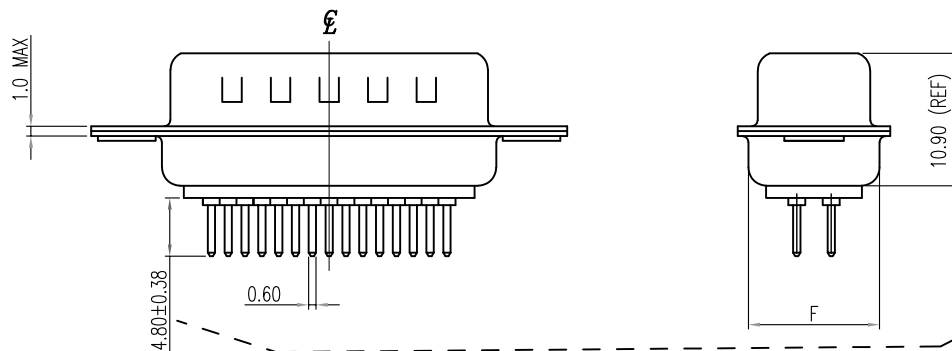
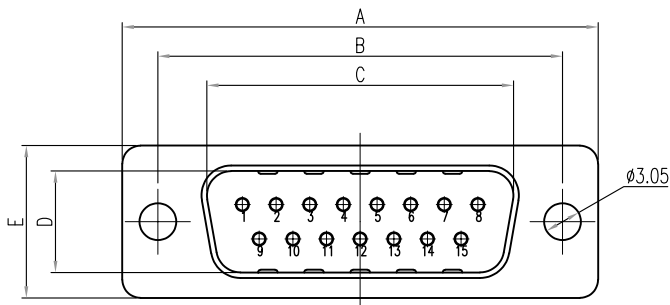
INSULATOR: GLASS-FILLED NYLON THERMOPLASTIC, UL94 V-0
 PROCESS TEMP: 260°C
 CONTACTS: GOLD PLATED BRASS
 SHELL: NICKEL PLATED STEEL

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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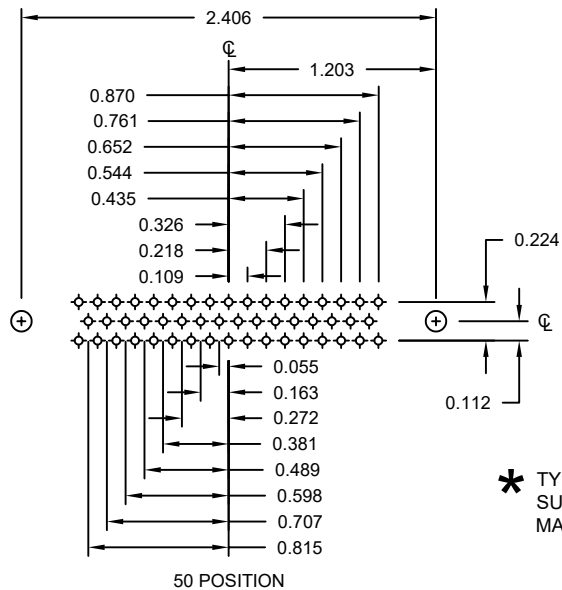
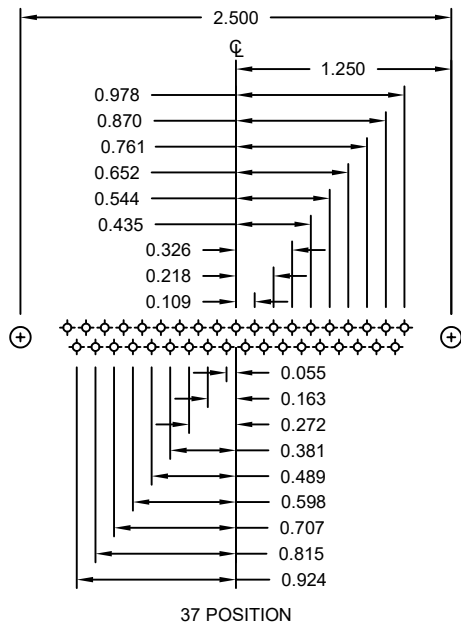
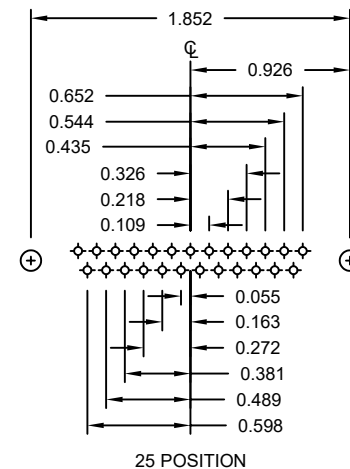
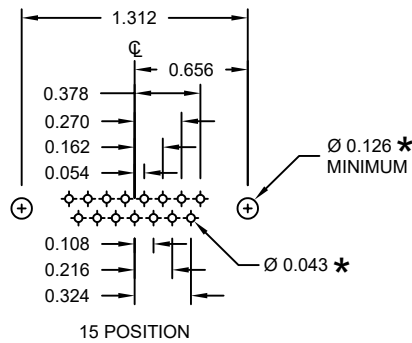
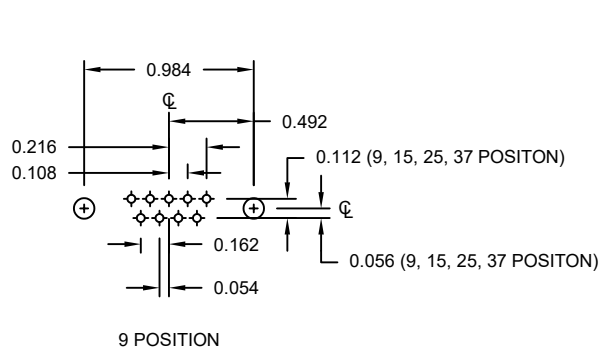
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1 3

REV
23

DWG NO.

172-EYY-11YRYY1



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

RoHS COMPLIANT

UNITS = inch

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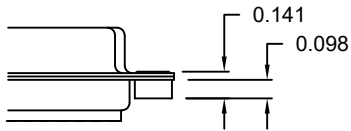
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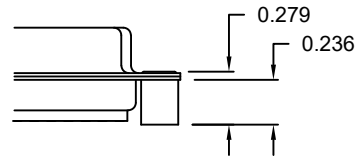
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ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

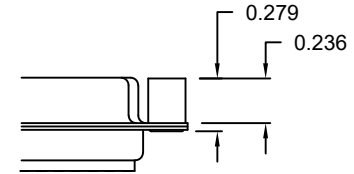
01 0.098" (BOARD SIDE)



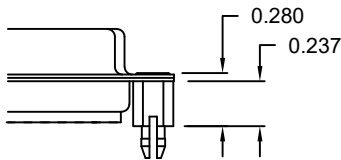
02 0.236" (BOARD SIDE)



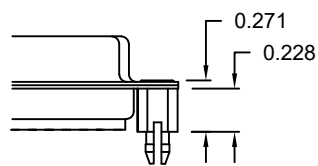
03 0.236" (MATING SIDE)



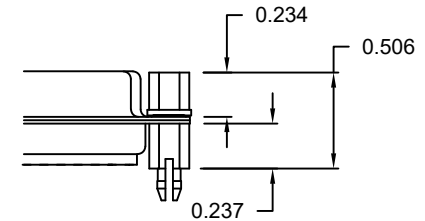
05 0.237" (BOARD SIDE)



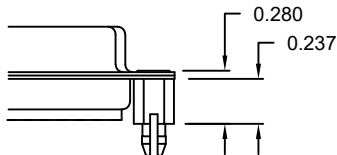
08 0.228" (BOARD SIDE)



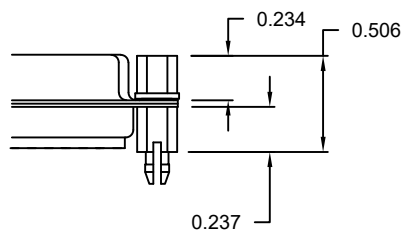
91 0.237" BOARD SIDE



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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