

DESCRIPTION: MALE - DIP SOLDER - MACHINED - ECONOMY

SPECIFICATIONS:

MATERIALS:

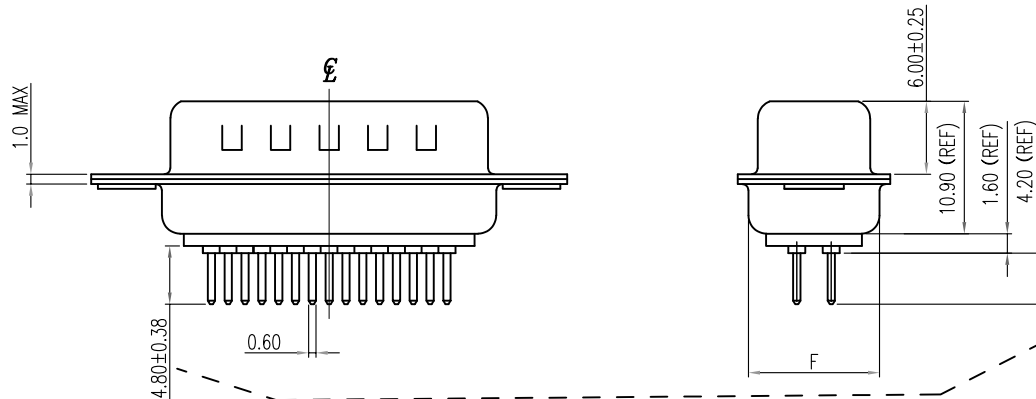
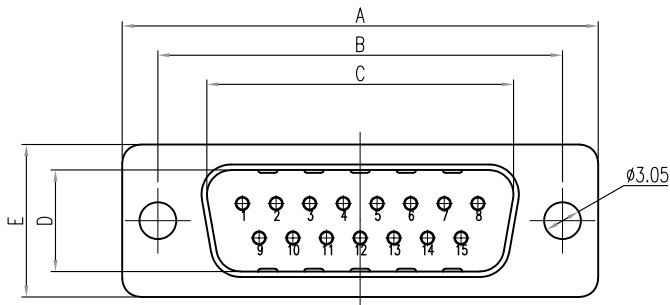
INSULATOR:	GLASS-FILLED NYLON THERMOPLASTIC, UL94 V-0
PROCESS TEMP:	260°C
CONTACTS:	GOLD PLATED BRASS
SHELL:	NICKEL PLATED STEEL

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
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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

SERIES	172-EYY-11YRYY1
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



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DRAWN:
P. JENKINS

DATE:
11/28/2005

UNITS = mm [inch]

DO NOT SCALE FROM DRAWING

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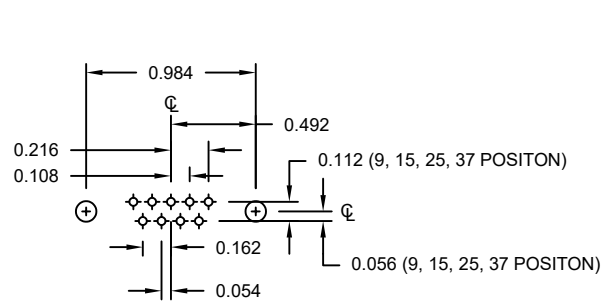
SCALE:
NTS

SHEET 1 OF 3

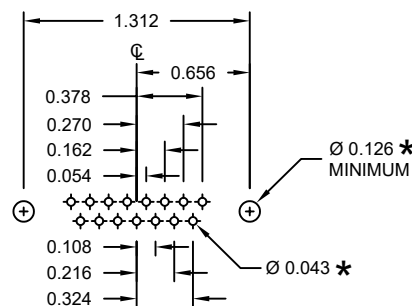
REV
27

DWG NO.

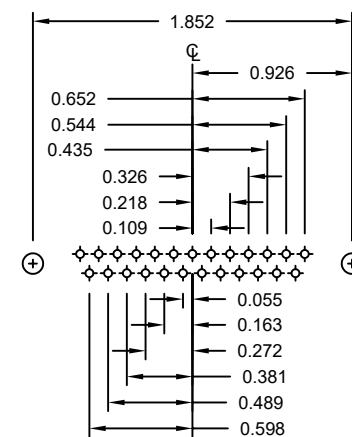
172-EYY-11YRYY1



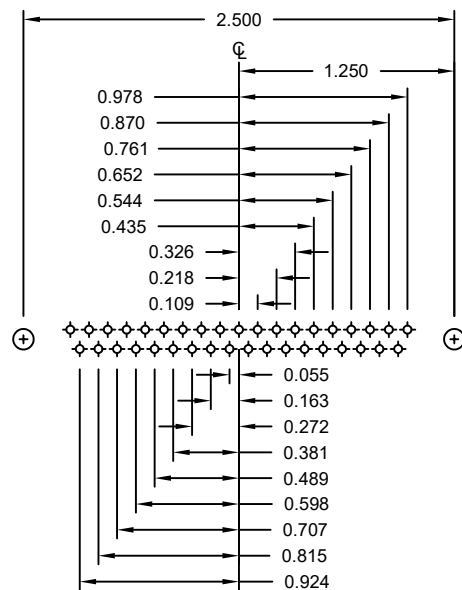
9 POSITION



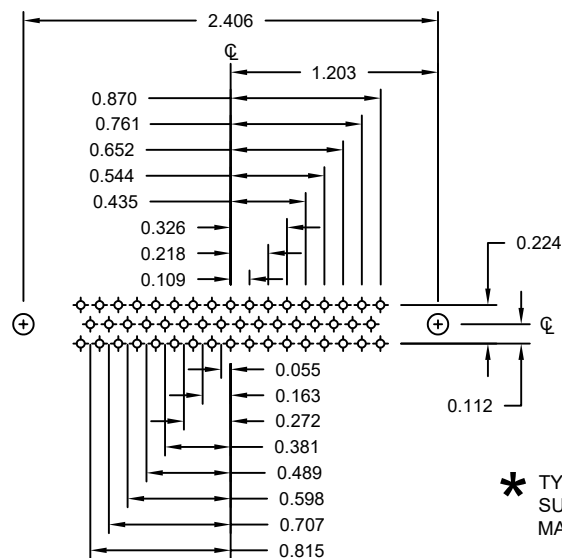
15 POSITION



25 POSITION



37 POSITION



50 POSITION

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

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SCALE:
NTS

SHEET OF
2 3

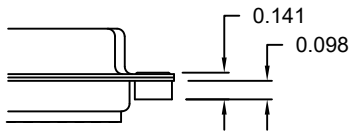
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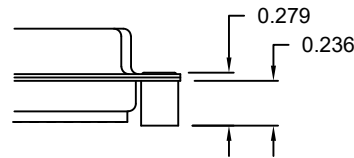
172-EYY-11YRY1

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

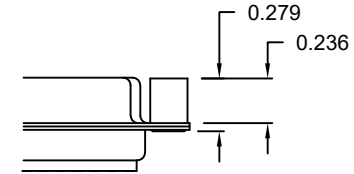
01 0.098" (BOARD SIDE)



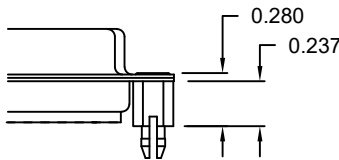
02 0.236" (BOARD SIDE)



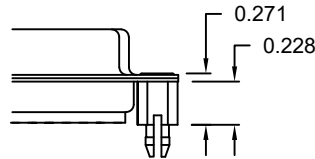
03 0.236" (MATING SIDE)



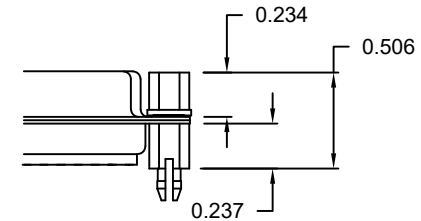
05 0.237" (BOARD SIDE)



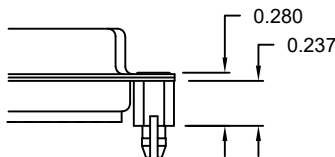
08 0.228" (BOARD SIDE)



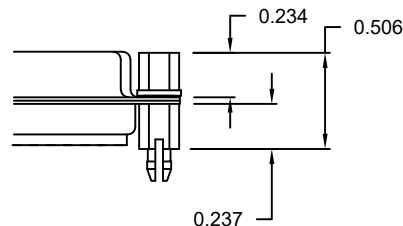
91 0.237" BOARD SIDE



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

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NorComp

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SCALE:
NTS

SHEET 3 OF 3

REV 27

DWG NO.

172-EYY-11YRY1