

MATERIAL:

DESCRIPTION: FEMALE - DIP SOLDER / MACHINED - ECONOMY

SHELL: STEEL, NICKEL OR TIN PLATED

INSULATOR: UL 94V-O RATED, WHITE, PA6T PROCESS TEMP: 260° PROCESS TEMPERATURE

CONTACT: BRASS

ELECTRICAL:

CURRENT RATING: 5 AMPS

CONTACT RESISTANCE: 15 mOhms Max. INSULATION RESISTANCE: 1,000 MOhms min.

WORKING VOLTAGE: 250VAC

TEMPERATURE: -55° C TO 125° C

DIMENSIONS (INCH) No. OF F Α В С D Ε **PINS** 1.213 0.984 0.642 0.311 0.236 0.496 9 30.80 24.99 16.30 7.90 5.99 12.60 0.970 0.311 0.236 1.541 1.312 0.496 15 39.15 33.32 24.65 7.90 5.99 12.60 2.087 1.852 1.512 0.311 0.236 0.496 25 53.00 47.04 38.40 7.90 5.99 12.60 2.728 2.500 2.157 0.236 0.311 0.496 37 69.30 63.50 54.80 7.90 5.99 12.60 2.638 2.406 2.055 0.429 0.240 0.602 50 67.00 61.10 52.20 10.90 6.10 15.30

172-EYY-21YRYY1 **SERIES POSITIONS** E09 E15 E25 E37 E50 **GENDER** 2 = FEMALE **TERMINATION** 1 = DIP SOLDER SHELL PLATING 2 = TIN 3 = NICKEL RoHS COMPLIANT 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

DRAWN:

PLATING OPTIONS 1 = GOLD FLASH

2 = 30 MICRO-INCH GOLD

3 = 50 MICRO-INCH GOLD

5 = 15 MICRO-INCH GOLD DO NOT SCALE FROM DRAWING



UNITS = inch

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PAM JENKINS 11-28-05

SCALE: SHEET OF REV

DATE:

3

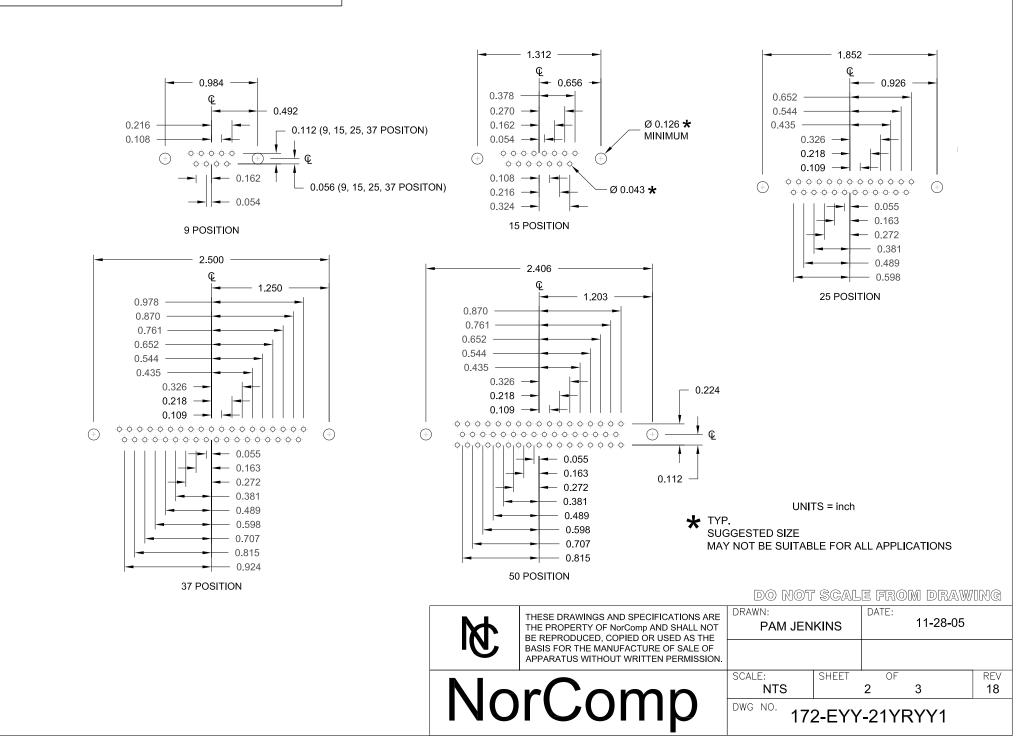
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NTS

RoHS COMPLIANT

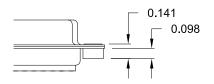


ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

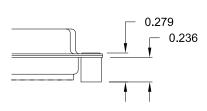
TOLERANCE:

ALL DIMENSIONS ARE ±0.010

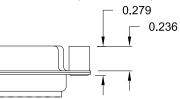
01X 0.098" (BOARD SIDE)



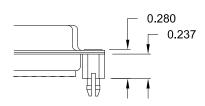
02X 0.236" (BOARD SIDE)



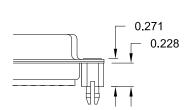
03X..... 0.236" (MATING SIDE)



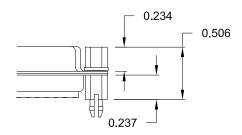
05X 0.237" (BOARD SIDE)



08X 0.228" (BOARD SIDE)



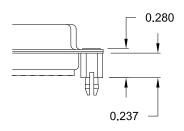
91X 0.237" BOARD SIDE



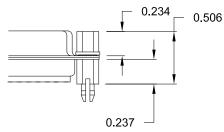
NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

PAM JENKINS

90X 0.237" (BOARD SIDE)



92X 0.237" BOARD SIDE



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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



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UNITS = inch

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DO NOT SCALE FROM DRAWING
DRAWN: | DATE:

11-28-05

SCALE: SHEET OF REV 18

DWG NO. 172-EYY-21YRYY1

ROHS COMPLIANT

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