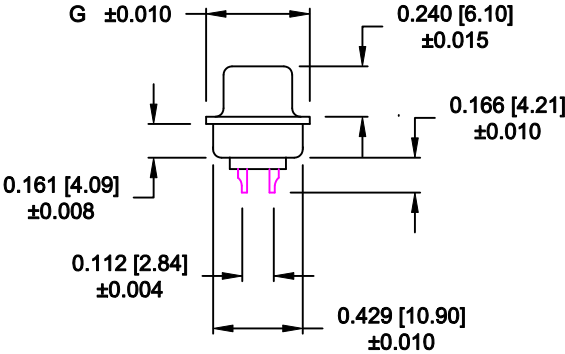
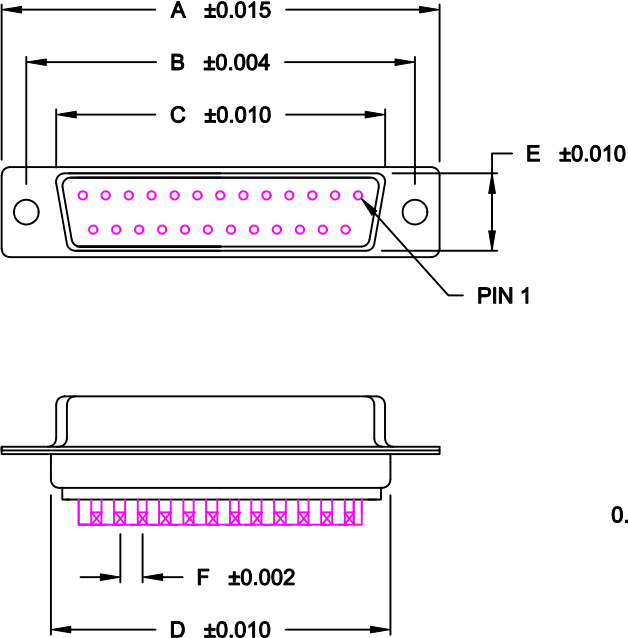


DESCRIPTION: FEMALE SOLDER CUP/STAMPED

SPECIFICATIONS:
MATERIALS:
SHELL: STEEL, TIN (80u" TIN OVER 40u" COPPER)
OR NICKEL (80u" NICKEL OVER 40u" COPPER)
INSULATOR: UL 94V-0 RATED BLACK PBT
+30% FIBER-GLASS
CONTACTS: COPPER ALLOY, GOLD PLATED

ELECTRICALS:
CURRENT RATING: 5 AMPS
CONTACT RESISTANCE: 15 MOHMS MAX
INSULATOR RESISTANCE: 1000 MOHMS MIN
VOLTAGE: 500V AC FOR 1 MINUTE
TEMPERATURE: -50°C TO +100°C

POS.	A	B	C	D	E	F	G
09	1.213	0.984	0.642	0.756	0.311	0.109	0.496
	30.80	24.99	16.30	19.20	7.90	2.77	12.60
15	1.541	1.312	0.971	1.091	0.311	0.109	0.496
	39.14	33.32	24.65	27.70	7.90	2.77	12.60
25	2.087	1.852	1.512	1.618	0.311	0.109	0.496
	53.00	47.04	38.40	41.10	7.90	2.77	12.60
37	2.728	2.500	2.157	2.256	0.311	0.109	0.496
	69.29	63.50	54.80	57.30	7.90	2.77	12.60
50	2.638	2.406	2.055	2.169	0.429	0.109	0.602
	67.00	61.00	52.20	55.10	10.90	2.77	15.30



171-YYY-20YLYY1

SERIES
POSITIONS
009
015
025
037
050
GENDER
1 = MALE
2 = FEMALE
TERMINATION
0 = SOLDER CUP
SHELL PLATING
2 = TIN
3 = NICKEL
HARDWARE OPTIONS
00 = NO HARDWARE
01 = .098 4-40 CLINCH NUT BOARD SIDE
02 = .236 4-40 CLINCH NUT BOARD SIDE
03 = .236 4-40 CLINCH NUT MATING SIDE
05 = .237 4-40 BOARD LOCK
91 = .237 4-40 SPACER/BOARD LOCK
PLATING OPTIONS
1 = GOLD FLASH
2 = 30 MICRO-INCH GOLD

WILL ACCEPT 28-20 AWG CONDUCTORS

RoHS COMPLIANT

DO NOT SCALE FROM DRAWING



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:
PAM JENKINS

CHECKED:

DATE:
9-13-05

DATE:

SCALE:

SHEET
1 OF
2

REV
10

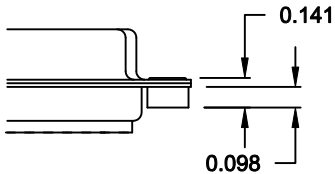
DWG NO.
171-YYY-20YLYY1

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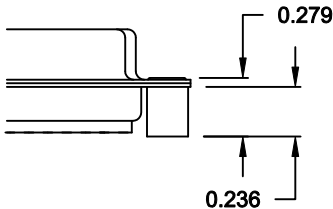
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

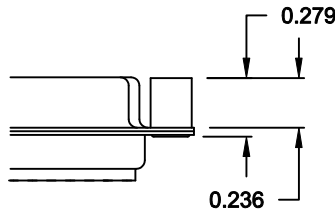
01X 0.098" (BOARD SIDE) - CN1



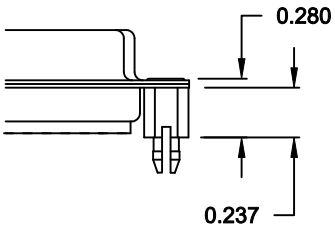
02X 0.236" (BOARD SIDE) - CN2



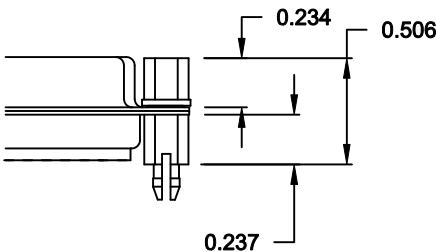
03X..... 0.236" (MATING SIDE) - CN8



05X 0.237" (BOARD SIDE) - CN10



91X 0.237" BOARD SIDE
0.197 MATING SIDE
CN10/SFSO4404



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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DRAWN:
WAYNE ROBBINS

DATE:
11-28-05

CHECKED:

DATE:

NorComp

SCALE:

SHEET

OF

2

2

REV

10

DWG NO.

171-YYY-20YLYY1

RoHS COMPLIANT

Mouser Electronics

Authorized Distributor

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[171-025-203L011](#) [171-025-203L021](#) [171-025-203L031](#) [171-037-203L011](#) [171-037-203L021](#) [171-037-203L031](#) [171-](#)
[050-203L011](#) [171-050-203L021](#) [171-050-203L031](#) [171-037-202L011](#) [171-025-203L001](#) [171-050-203L001](#) [171-037-](#)
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