

DESCRIPTION: MALE SOLDER CUP/STAMPED

SPECIFICATIONS:

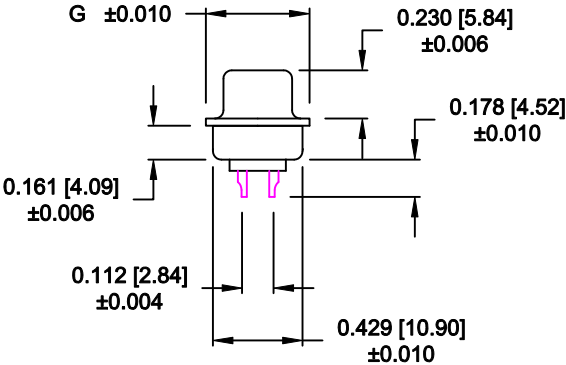
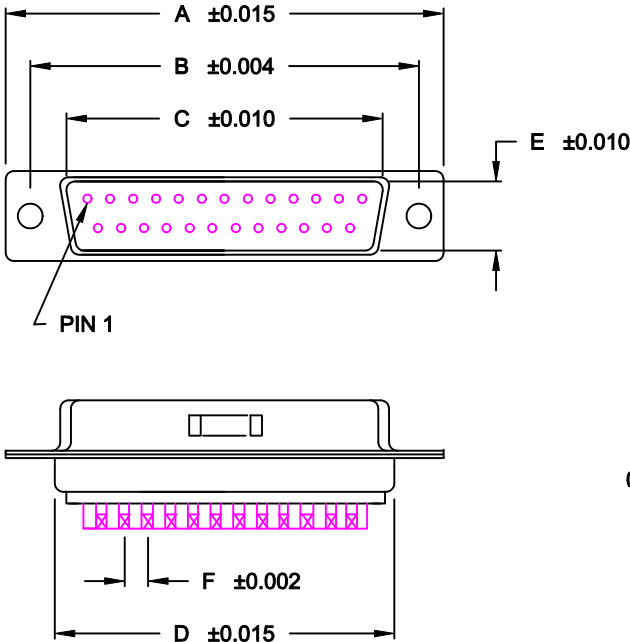
MATERIALS:

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 OR NYLON-66
RoHS COMPLIANT

ELECTRICALS:

CURRENT RATING: 5 AMPS
CONTACT RESISTANCE: 15 mOHMS MAX
INSULTOR 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 30.80	0.984 24.99	0.666 16.92	0.756 19.20	0.329 8.36	.109 2.77	0.496 12.60
15	1.543 39.19	1.312 33.32	0.994 25.25	1.091 27.70	0.329 8.36	.109 2.77	0.496 12.60
25	2.087 53.00	1.852 47.04	1.534 38.96	1.618 41.10	0.329 8.36	.109 2.77	0.496 12.60
37	2.732 69.30	2.500 63.50	2.181 55.42	2.256 57.30	0.329 8.36	.109 2.77	0.496 12.60
50	2.638 67.00	2.406 61.00	2.079 52.80	2.169 55.10	.436 11.07	.109 2.77	.602 15.30



171-YYY-10YLYY1

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
8

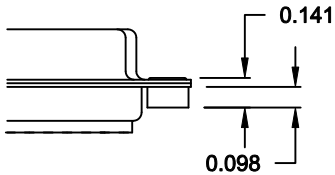
DWG NO.
171-YYY-10YLYY1

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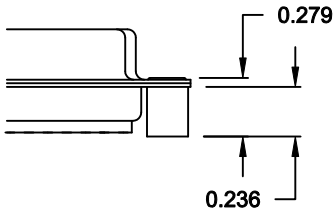
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

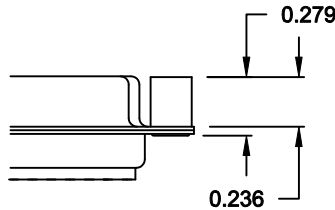
01X 0.098" (BOARD SIDE) - CN1



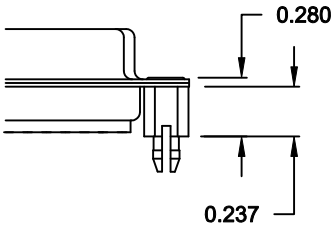
02X 0.236" (BOARD SIDE) - CN2



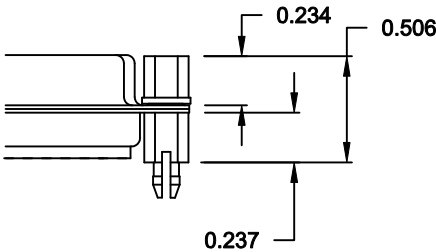
03X..... 0.236" (MATING SIDE) - CN8



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:

SCALE:

SHEET
2 OF
2

REV
8

DWG NO. **171-YYY-10YLYY1**

RoHS COMPLIANT

NorComp