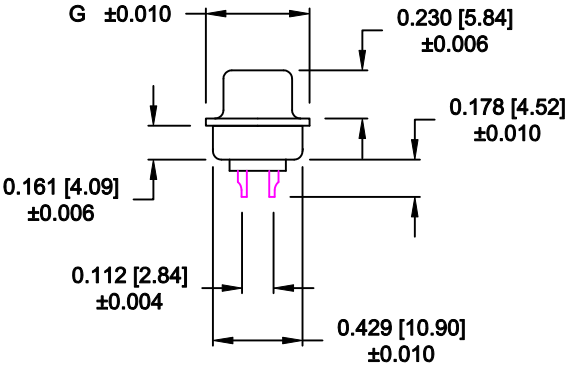
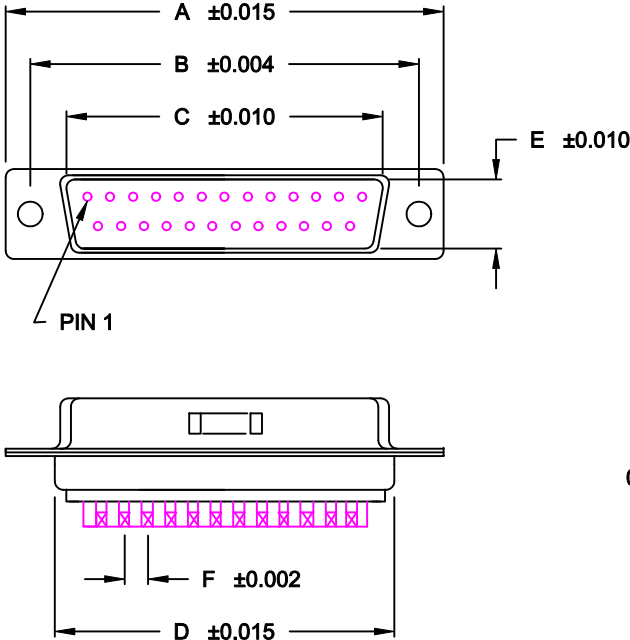


DESCRIPTION: MALE SOLDER CUP/STAMPED

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
CONTACTS: COPPER ALLOY, GOLD PLATED
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

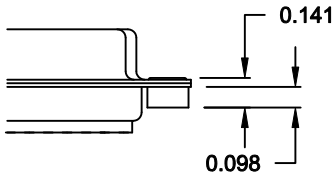
DO NOT SCALE FROM DRAWING

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		CHECKED:		DATE:		
NorComp		SCALE:		SHEET 1	OF 2	REV 10
		DWG NO. 171-YYY-10YLYY1				

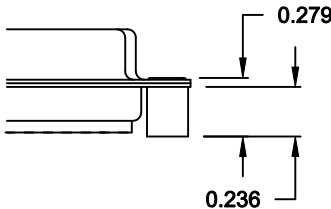
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

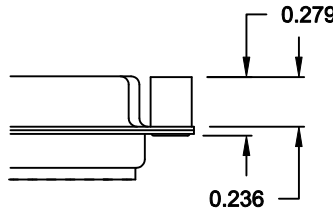
01X 0.098" (BOARD SIDE) - CN1



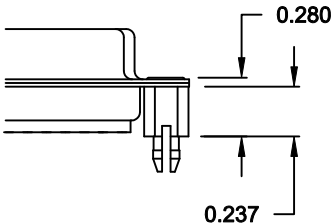
02X 0.236" (BOARD SIDE) - CN2



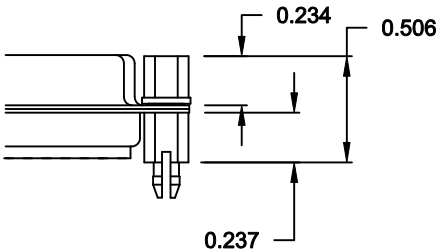
03X..... 0.236" (MATING SIDE) - CN8



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 **10**

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

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NorComp

Mouser Electronics

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