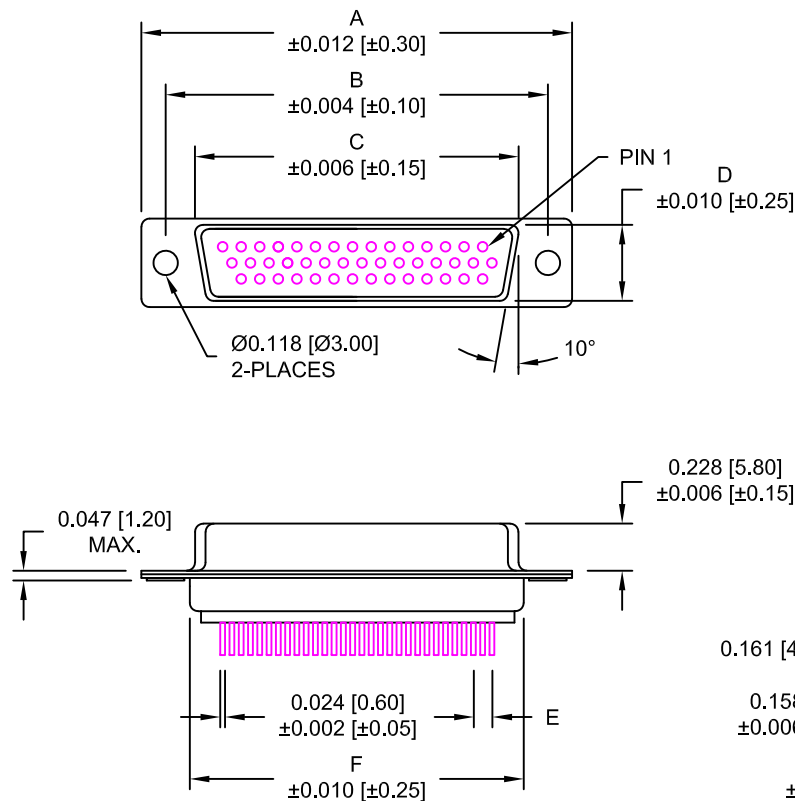


DESCRIPTION: HIGH DENSITY FEMALE - VERTICAL DIP SOLDER



MATERIAL:

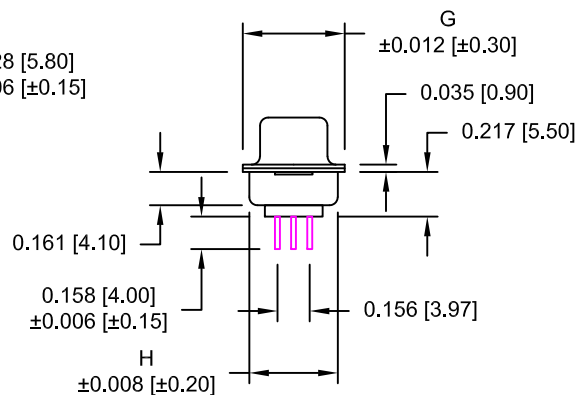
SHELL: STEEL, NICKEL PLATED
INSULATOR: PBT, UL 94V-O RATED,
+30% FIBER-GLASS OR NYLON-66
CONTACT: BRASS, GOLD PLATED OVER NICKEL

ELECTRICAL:

CURRENT RATING: 5 AMPS
CONTACT RESISTANCE: 15 mOhms Max.
INSULATION RESISTANCE: 1,000 MOhms min.
VOLTAGE: 500VAC FOR 1 MINUTE
TEMPERATURE: -50° C TO 100° C

RoHS COMPLIANT

4 ROWS



DIMENSIONS

No. OF PINS	A	B	C	D	E	F	G	H
15	1.213	0.984	0.643	0.311	0.090	0.756	0.496	0.429
	30.80	24.99	16.34	7.90	2.29	19.20	12.60	10.90
26	1.541	1.312	0.966	0.311	0.090	1.091	0.496	0.429
	39.15	33.32	24.53	7.90	2.29	27.70	12.60	10.90
44	2.087	1.852	1.512	0.311	0.090	1.618	0.496	0.429
	53.00	47.04	38.40	7.90	2.29	41.10	12.60	10.90
62	2.728	2.500	2.155	0.311	0.095	2.256	0.496	0.429
	69.30	63.50	54.76	7.90	2.41	57.30	12.60	10.90
78	2.638	2.406	2.057	0.429	0.095	2.169	0.606	0.526
	67.00	61.10	52.26	10.90	2.41	55.10	15.40	13.35

180-YYY-213RYY1

SERIES
POSITIONS
015
026
044
062
078
GENDER
2 = FEMALE
TERMINATION
1 = VERTICAL DIP SOLDER
SHELL PLATING
2 = TIN
3 = NICKEL
RoHS COMPLIANT (260°C)
HARDWARE OPTIONS
00 = NO HARDWARE
01 = .098" CLINCH NUT (BOARD SIDE)
02 = .236" CLINCH NUT (BOARD SIDE)
03 = .236" CLINCH NUT (MATING SIDE)
05 = .237" 4-40 BOARD LOCK
08 = .224" 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 = 30u" GOLD

DO NOT SCALE FROM DRAWING

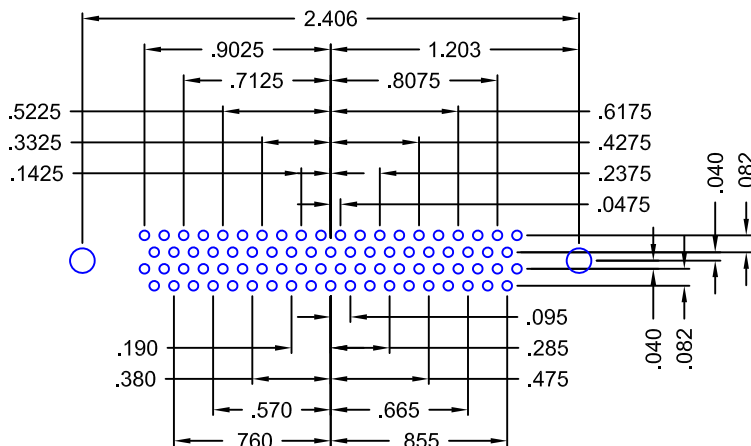
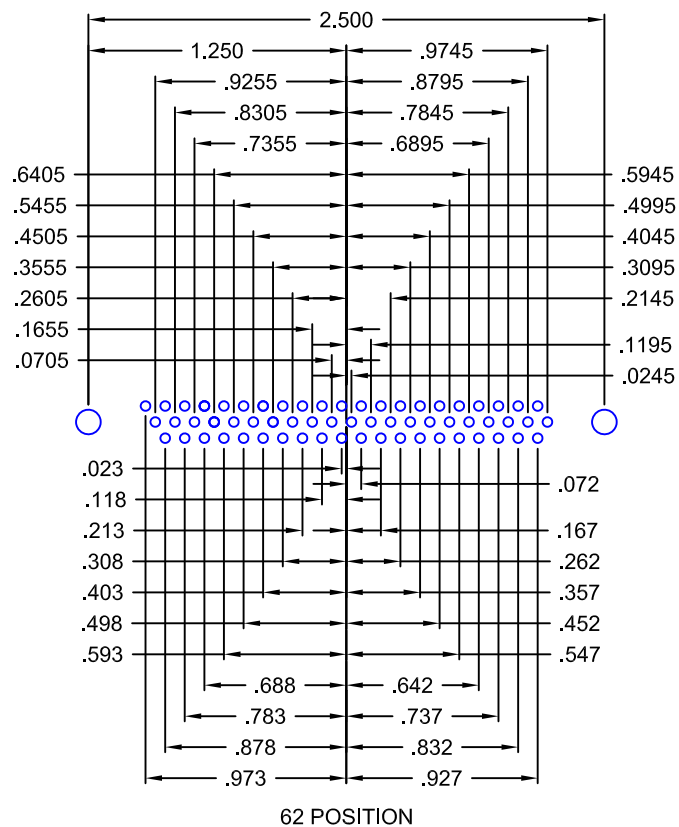
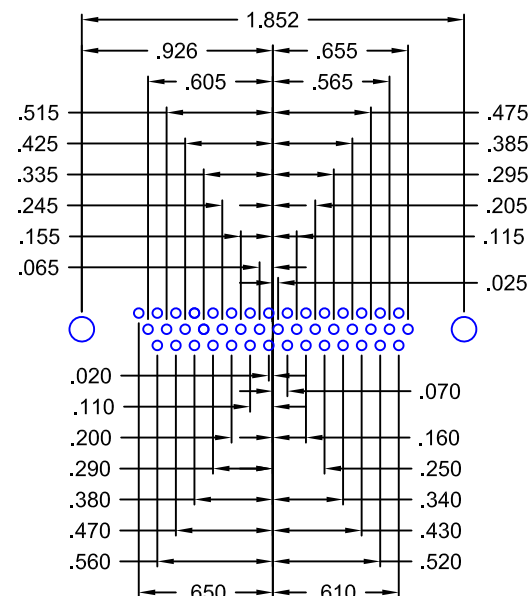
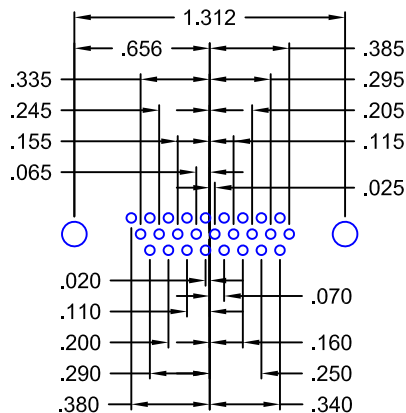
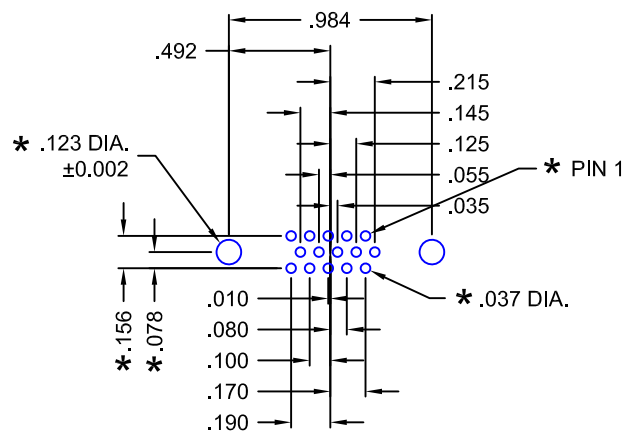


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DRAWN: PAM JENKINS	DATE: 09-12-05
CHECKED:	DATE:
SCALE: 1 : 1	SHEET 1 OF 3
DWG NO. 180-YYY-213RYY1	REV 16

NorComp

DESCRIPTION: PCB LAYOUT - VERTICAL - FEMALE



180 SERIES
HIGH DENSITY
VERTICAL

HOLE PATTERN SHOWN
ARE FOR FEMALE

* TYP. ON ALL SIZES

DO NOT SCALE FROM DRAWING



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NorComp

DRAWN: PAM JENKINS		DATE: 09-12-05	
CHECKED:		DATE:	
SCALE:	SHEET 2	OF 3	REV 16
DWG NO. 180-YYY-213RYY1			

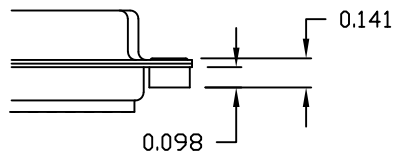
DESCRIPTION: CLINCH NUT HARDWARE

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

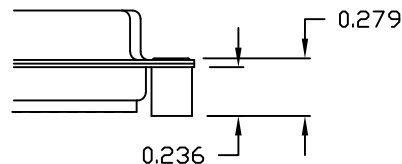
TOLERANCE:

ALL DIMENSIONS ARE ± 0.010

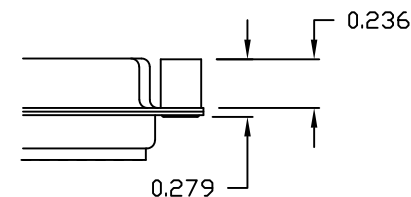
01X 0.098" (BOARD SIDE) - CN1



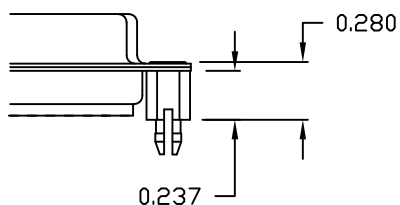
02X 0.236" (BOARD SIDE) - CN2



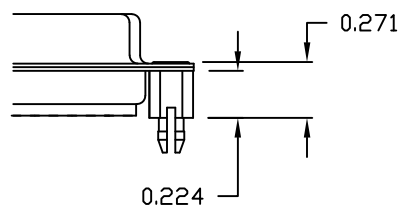
03X..... 0.236" (MATING SIDE) - CN8



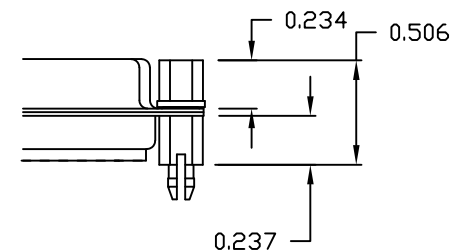
05X 0.237" (BOARD SIDE) - CN10



08X 0.228" (BOARD SIDE) - CN3

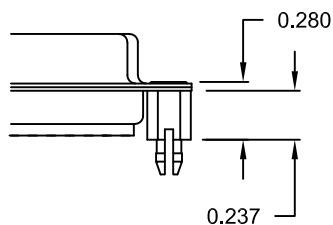


91X 0.237" BOARD SIDE
0.197 MATING SIDE
CN10/SFSO4404

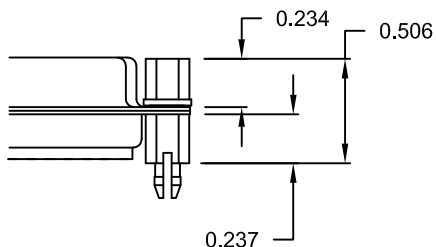


NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

90X 0.237" (BOARD SIDE) - CN10-237-093



92X 0.237" BOARD SIDE
0.197 MATING SIDE
CN10-237-093/SFSO4404



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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

DO NOT SCALE FROM DRAWING

RoHS COMPLIANT



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NorComp

DRAWN:
WAYNE ROBBINS

DATE:
11-28-05

CHECKED:

DATE:

SCALE:

SHEET

OF

3

3

REV

16

DWG NO.

180-YYY-213RYY1