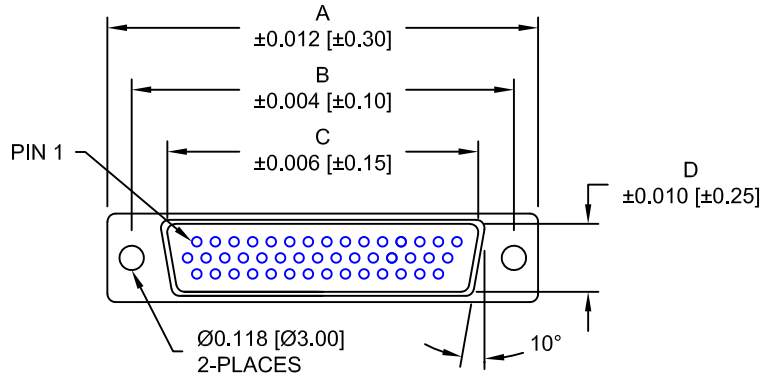


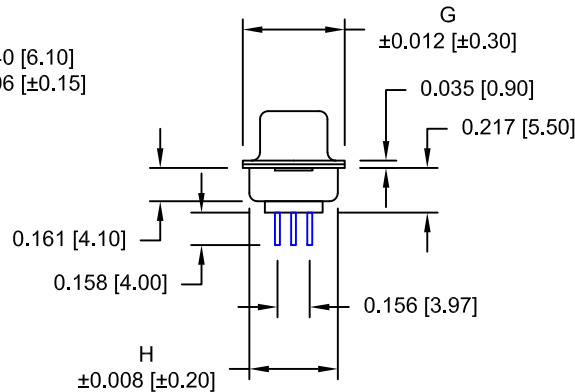
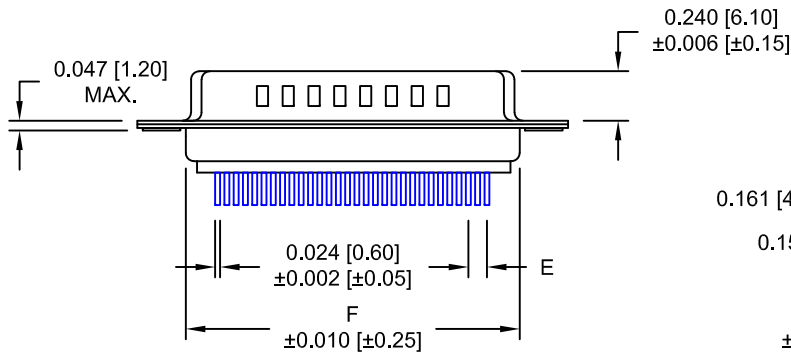
DESCRIPTION: HIGH DENSITY MALE - VERTICAL DIP SOLDER

DIMENSIONS

No. OF PINS	A	B	C	D	E	F	G	H
15	1.213	0.984	0.666	0.329	0.090	0.756	0.496	0.429
	30.80	24.99	16.92	8.36	2.29	19.20	12.60	10.90
26	1.541	1.312	0.970	0.329	0.090	1.091	0.496	0.429
	39.15	33.32	24.65	8.36	2.29	27.70	12.60	10.90
44	2.087	1.852	1.512	0.329	0.090	1.618	0.496	0.429
	53.00	47.04	38.40	8.36	2.29	41.10	12.60	10.90
62	2.728	2.500	2.157	0.329	0.095	2.256	0.496	0.429
	69.30	63.50	54.80	8.36	2.41	57.30	12.60	10.90
78	2.638	2.406	2.079	0.436	0.095	2.169	0.606	0.526
	67.00	61.10	52.80	11.07	2.41	55.10	15.40	13.35



4 ROWS



180-YYY-113RYY1

- SERIES
- POSITIONS
 - 015
 - 026
 - 044
 - 062
 - 078
- GENDER
 - 1 = MALE
- TERMINATION
 - 1 = VERTICAL DIP SOLDER
- SHELL PLATING
 - 3 = NICKEL (GROUND INDENTS)
- 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
 - 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
 - A = 30u" GOLD MATING AREA, GOLD FLASH OVERALL

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

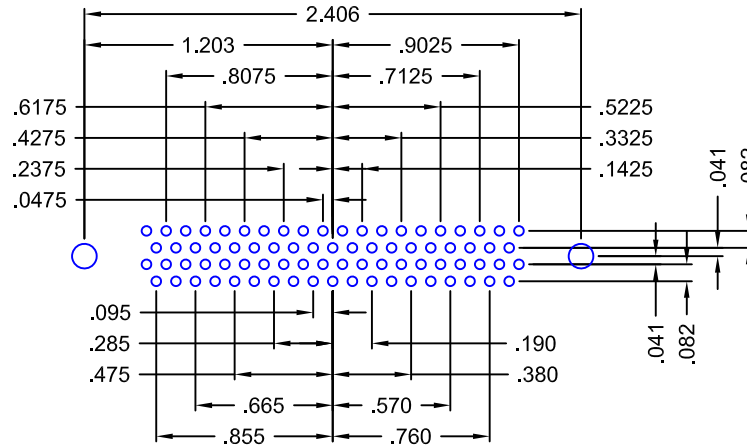
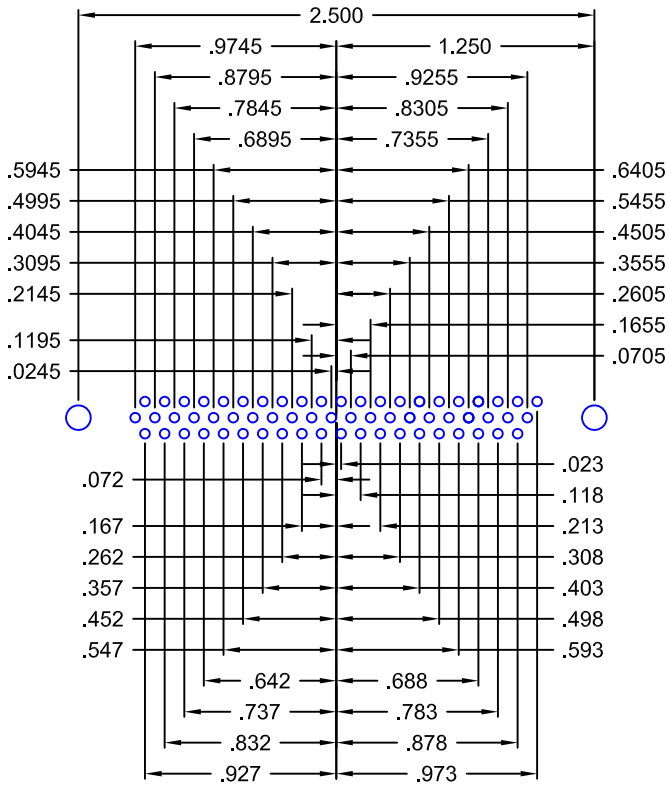
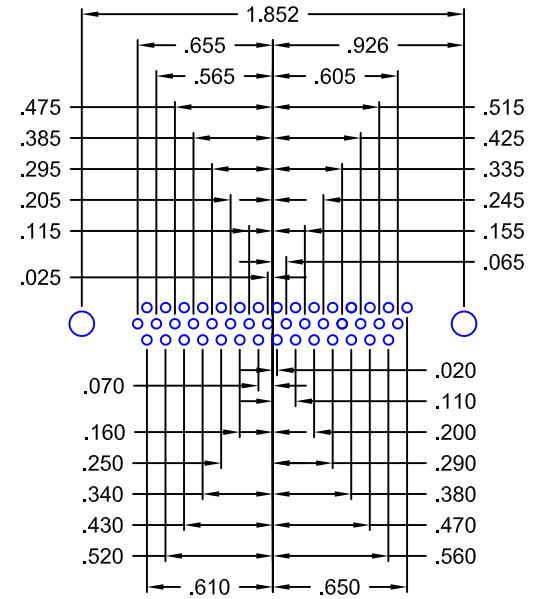
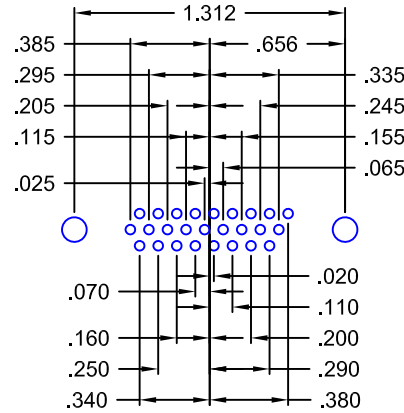
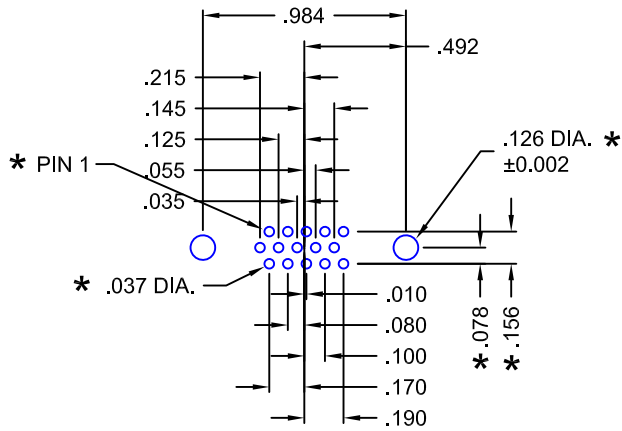
DO NOT SCALE FROM DRAWING

RoHS COMPLIANT

	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	DATE: 09-12-05
		CHECKED:	DATE:
NorComp		SCALE: 1 : 1	SHEET OF 1 3
		DWG NO. 180-YYY-113RYY1	

REV 15

DESCRIPTION: PCB LAYOUT - VERTICAL - MALE



180 SERIES
HIGH DENSITY
VERTICAL

HOLE PATTERN SHOWN
ARE FOR MALE

* 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 15
DWG NO. 180-YYY-113RYY1			

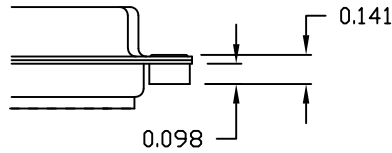
DESCRIPTION: CLINCH NUT HARDWARE

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

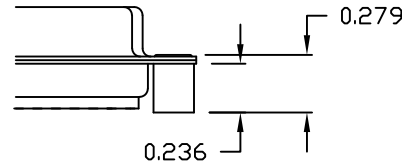
TOLERANCE:

ALL DIMENSIONS ARE ±0.010

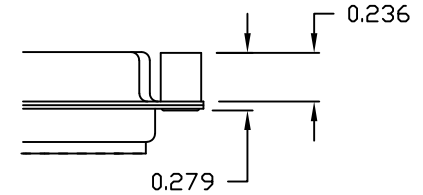
01X 0.098" (BOARD SIDE) - CN1



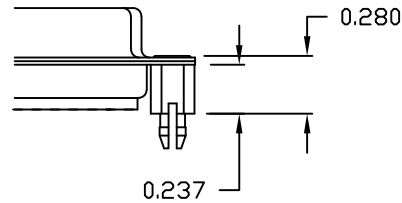
02X 0.236" (BOARD SIDE) - CN2



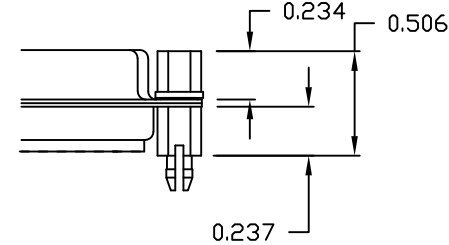
03X..... 0.236" (MATING SIDE) - CN8



05X 0.237" (BOARD SIDE) - CN10

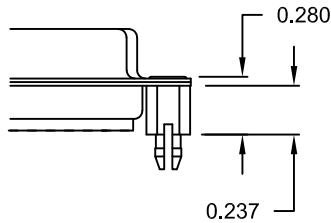


91X 0.237" BOARD SIDE
0.197 MATING SIDE
CN10/SFSO4404

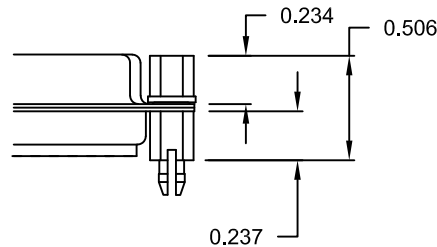


NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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



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DRAWN: WAYNE ROBBINS		DATE: 11-28-05	
CHECKED:		DATE:	
SCALE:	SHEET 3	OF 3	REV 15
DWG NO. 180-YYY-113RYY1			

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