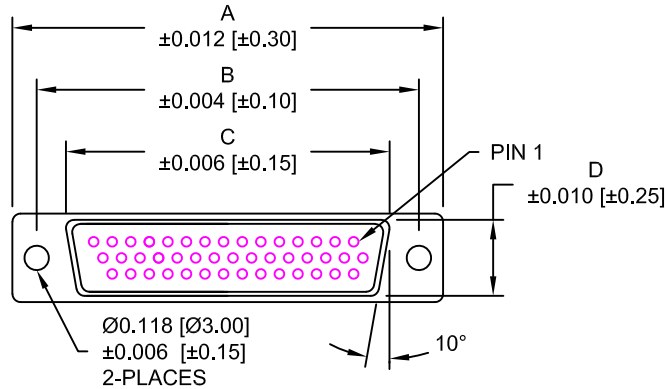


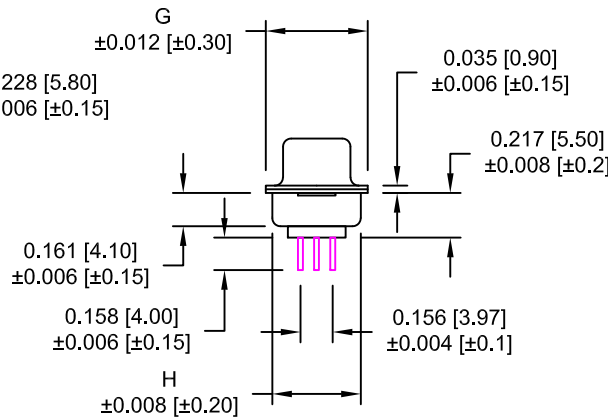
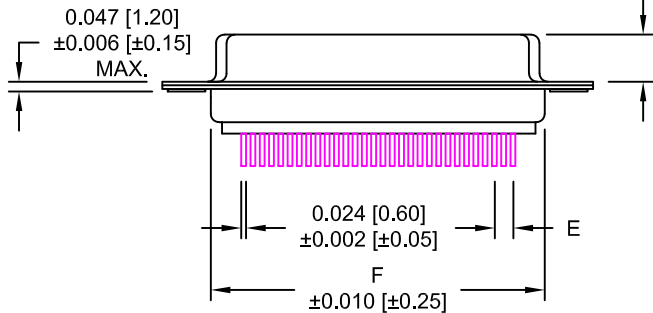
DESCRIPTION: HIGH DENSITY FEMALE - VERTICAL DIP SOLDER

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



4 ROWS



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
 - 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



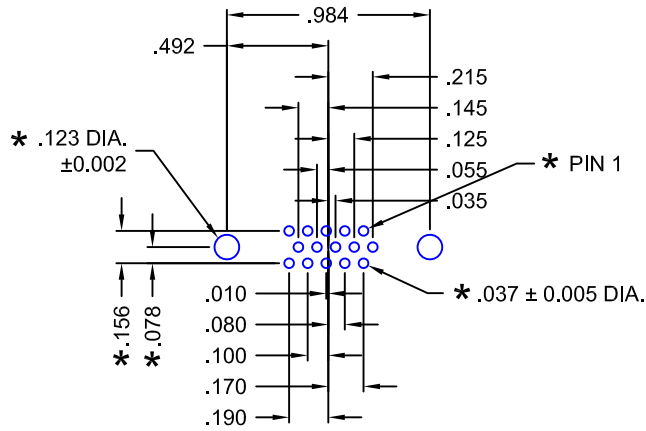
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DRAWN: PAM JENKINS	DATE: 09-12-05	
CHECKED:	DATE:	
SCALE: 1 : 1	SHEET 1 OF 3	REV 19
DWG NO. 180-YYY-213RYY1		

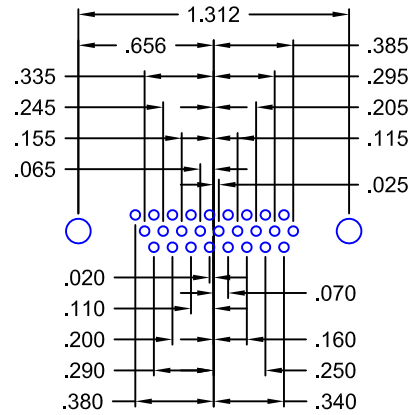
RoHS COMPLIANT

NorComp

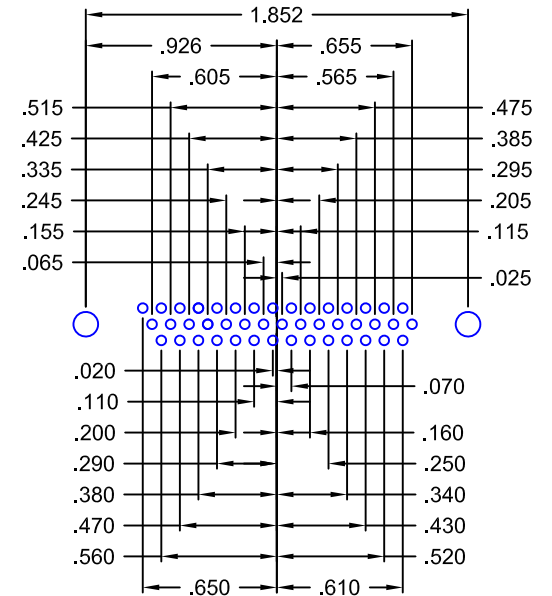
DESCRIPTION: PCB LAYOUT - VERTICAL - FEMALE



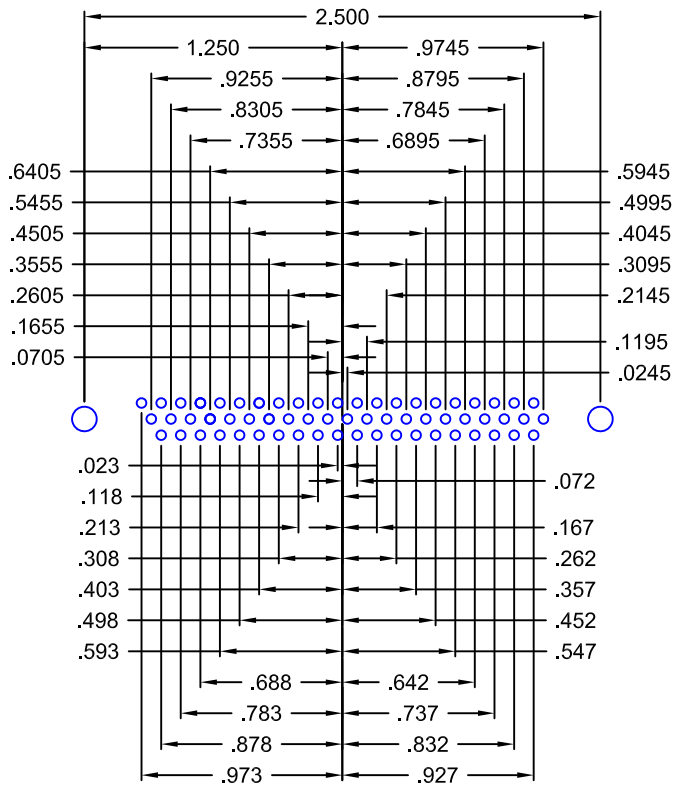
15 POSITION



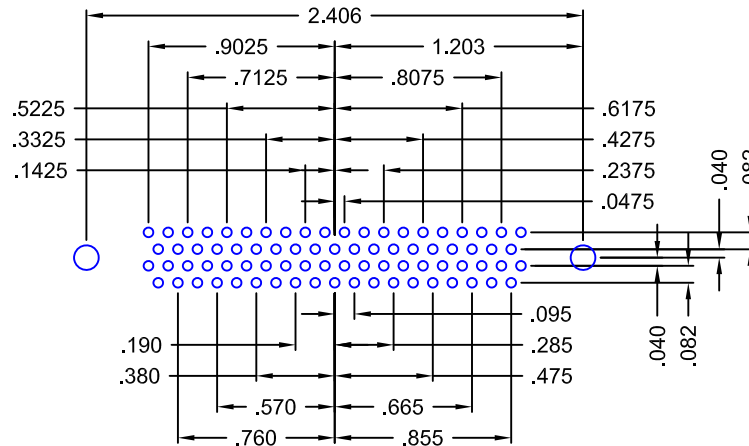
26 POSITION



44 POSITION



62 POSITION



78 POSITION

180 SERIES
HIGH DENSITY
VERTICAL

HOLE PATTERN SHOWN
ARE FOR FEMALE

* TYP. ON ALL SIZES

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CHECKED:		DATE:	
SCALE:	SHEET 2	OF 3	REV 19
DWG NO. 180-YYY-213RYY1			

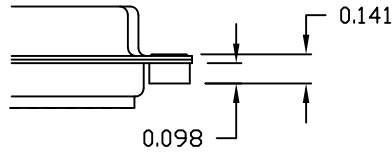
DESCRIPTION: CLINCH NUT HARDWARE

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

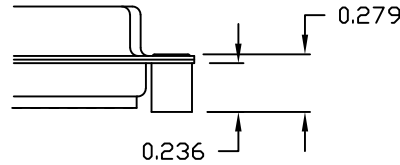
TOLERANCE:

ALL DIMENSIONS ARE ± 0.010

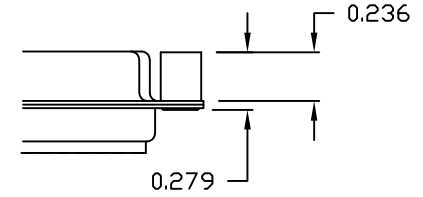
01X 0.098" (BOARD SIDE) - CN1



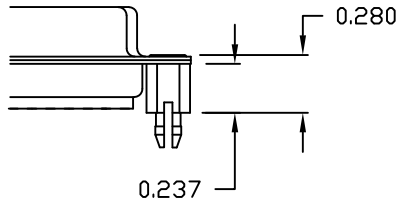
02X 0.236" (BOARD SIDE) - CN2



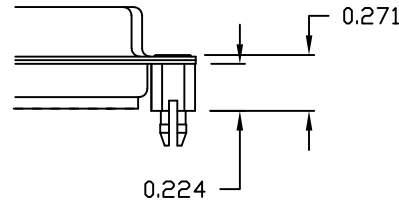
03X..... 0.236" (MATING SIDE) - CN8



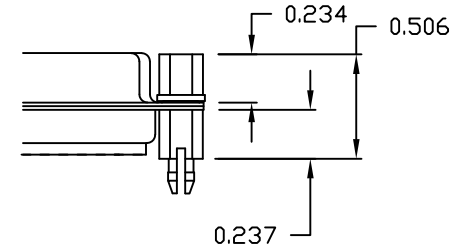
05X 0.237" (BOARD SIDE) - CN10



08X 0.228" (BOARD SIDE) - CN3

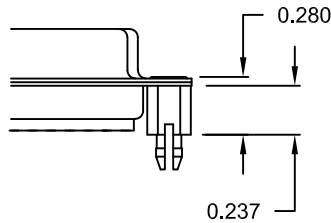


91X 0.237" BOARD SIDE
0.197 MATING SIDE
CN10/SFSO4404

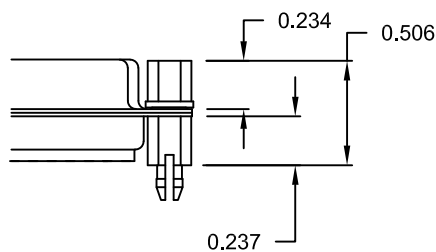


NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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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CHECKED:		DATE:	
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DWG NO. 180-YYY-213RYY1			

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[180-062-213R031](#) [180-062-213R911](#) [180-078-213R011](#) [180-078-213R021](#) [180-078-213R031](#) [180-078-213R911](#)
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[180-026-213R911](#)