

MEETS IP66 STANDARDS

G

(SEE PAGE 4 FOR SEALING DETAILS)

680-YYY-113RYY1 SERIES **POSITIONS** 015 026 044 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

PLATING OPTIONS 1 = GOLD FLASH

2 = 30u" GOLD

MATERIAL:

SHELL: STEEL, NICKEL PLATED

INSULATOR: PBT, UL 94V-O RATED,

+30% FIBER-GLASS OR NYLON-66

CONTACT: BRASS, GOLD PLATED OVER NICKEL

SEALING MATERIAL: F08 FLEXIBLE ADHESIVE

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

DO NOT SCALE FROM DRAWING



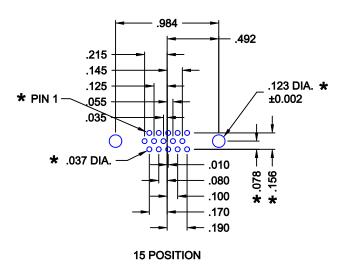
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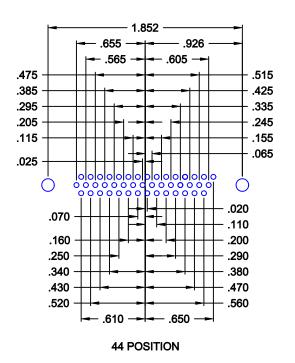
DRAWN: DATE:
M. SIGMON
CHECKED: DATE:

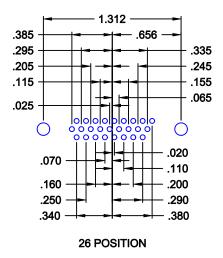
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DESCRIPTION: PCB LAYOUT - VERTICAL - MALE







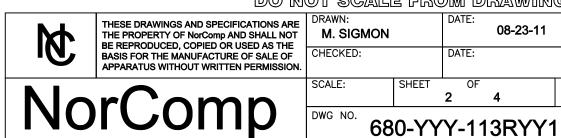
180 SERIES HIGH DENSITY VERTICAL

HOLE PATTERN SHOWN ARE FOR MALE

* TYP. ON ALL SIZES

REV

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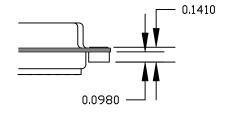
DESCRIPTION: CLINCH NUT HARDWARE

TOLERANCE:

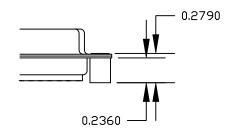
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

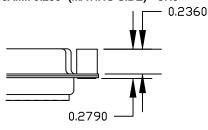
01X 0.098" (BOARD SIDE) - CN1



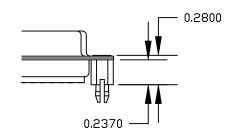
02X 0.236" (BOARD SIDE) - CN2



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



05X 0.237" (BOARD SIDE) - CN10



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CHECKED: SHEET

M. SIGMON

DRAWN:

DWG NO.

DATE: 08-23-11 DATE:

OF

3

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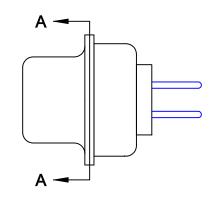
SCALE:

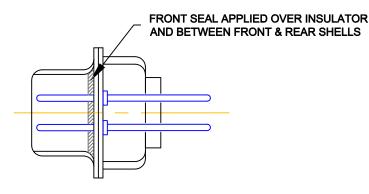
680-YYY-113RYY1

REV

RoHS COMPLIANT

DESCRIPTION: IP66 - MALE - STAMPED - VERTICAL - SEALING PROCESS





DETAIL A-A

DO NOT SCALE FROM DRAWING



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SCALE: SHEET OF 4

DWG NO. 680-YYY-113RYY1

DATE:

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ROHS COMPLIANT

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L77HDE15SC309 163A16759X 163A16839X 163A16989X 163A17079X 164A17329X 164A18219X 241A16440X 241A16550X
241A16680X 241A20810X 241A25740X CT25-44P MDBE15PE766 L177HDE15SOL2RM23 L177HRC62S L177HRC62SVFM
L177HRCG62S L717HDEG15POL2RM5 L77HDA26SVF L77HDE15SD1CO L77HDEH15SOL2RM832 443895-3 106698-1 280-012K2C
L177HRB44S 164A17039X 09562004701510 164A17969X L777HRC62P 241A17960X 164A18269X 280-019S1S9MEN L777HDEG15P
280-018P3S25MEGN 206504-2 40-9515HDSP 2057140-1 C115370-6002 DFMA104SNMBFR172FR022 HDC9F200E2S
L717HDAG26POL2RM8