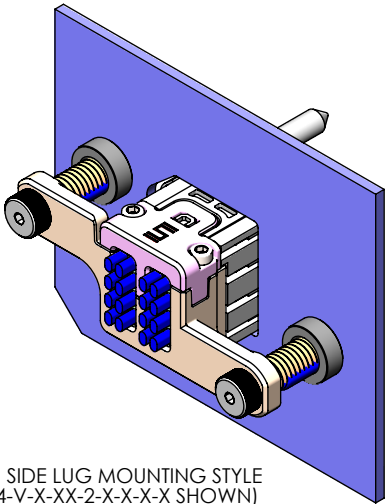


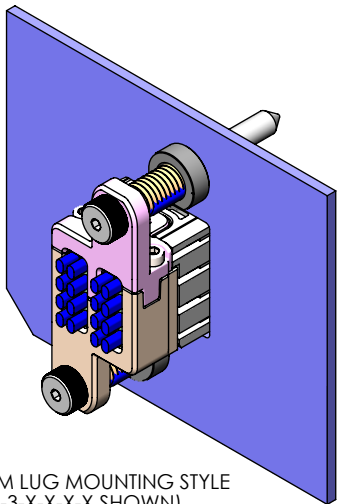
DO NOT
SCALE FROM
THIS PRINT

DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

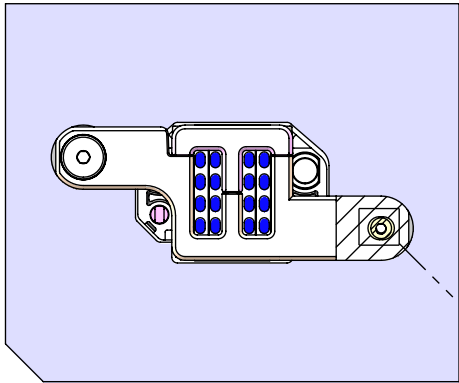
PANEL MOUNTING STYLES



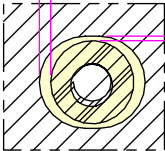
04-12 ROWS, SIDE LUG MOUNTING STYLE
(NVCF-XX-04-V-X-XX-2-X-X-X-X SHOWN)



04-12 ROWS, TOP/BOTTOM LUG MOUNTING STYLE
(NVCF-XX-04-V-X-XX-3-X-X-X-X SHOWN)

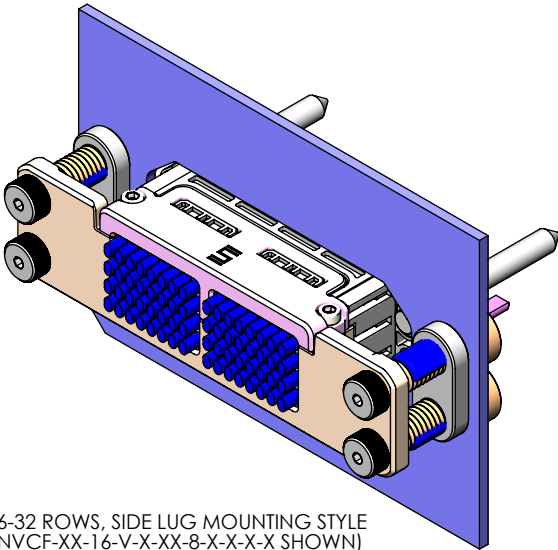


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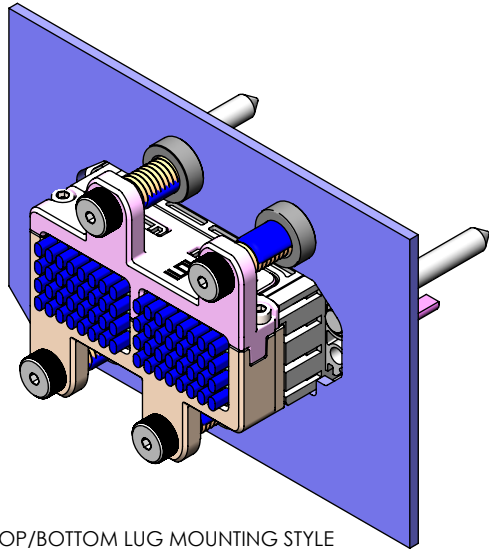


0.15[.006]
(-Y- FLOAT)

DETAIL 'A'
SCALE 4 : 1



16-32 ROWS, SIDE LUG MOUNTING STYLE
(NVCF-XX-16-V-X-XX-8-X-X-X-X SHOWN)



16-32 ROWS, TOP/BOTTOM LUG MOUNTING STYLE
(NVCF-XX-16-V-X-XX-9-X-X-X-X SHOWN)

- NOTES:
1. TIGHTEN NVCF-SO-01 STANDOFFS TO 35 IN-LBS.
 2. TIGHTEN NVCF-SHCS-01 MOUNTING SCREW TO 3 IN-LBS.
 3. STANDARD HARDWARE IS DESIGNED FOR 1.57[.062]-7.62[.300] PANEL THICKNESS.
 4. SEE NVCF-XX-XX-V-X-XX-X-X-X-X-X FOR CONNECTOR & PANEL CUTOUT DETAILS.
 5. SEE NVCF-KIT-XX FOR HARDWARE KIT DETAILS.

FIG 1
NVCF PANEL MOUNTED VIEWS

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
NVCF APPLICATION

DWG. NO.
NVCF APPLICATION

BY: RUZZI 8/1/2024 SHEET 1 OF 5

HARDWARE INSTALLATION ON PANEL

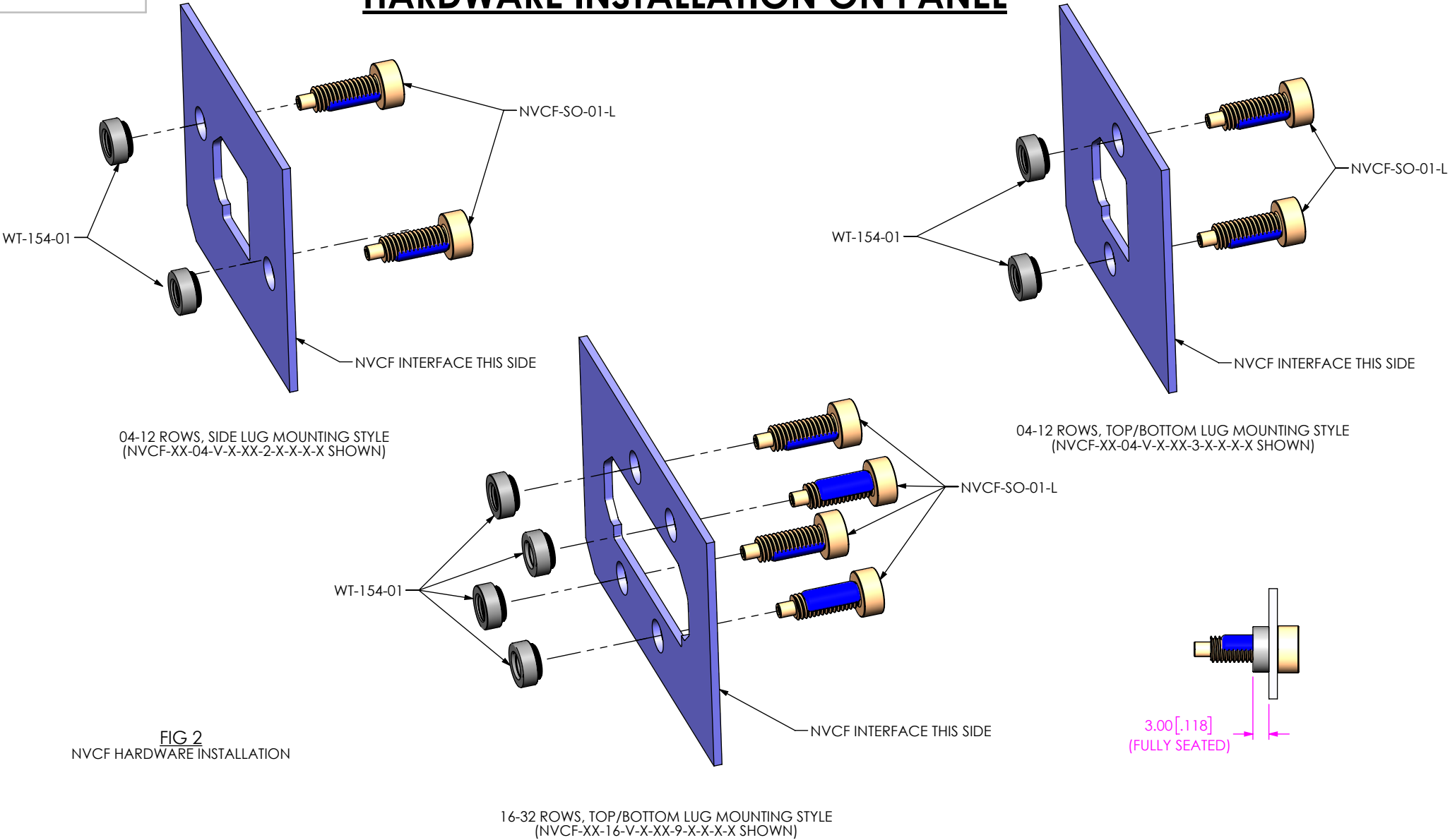


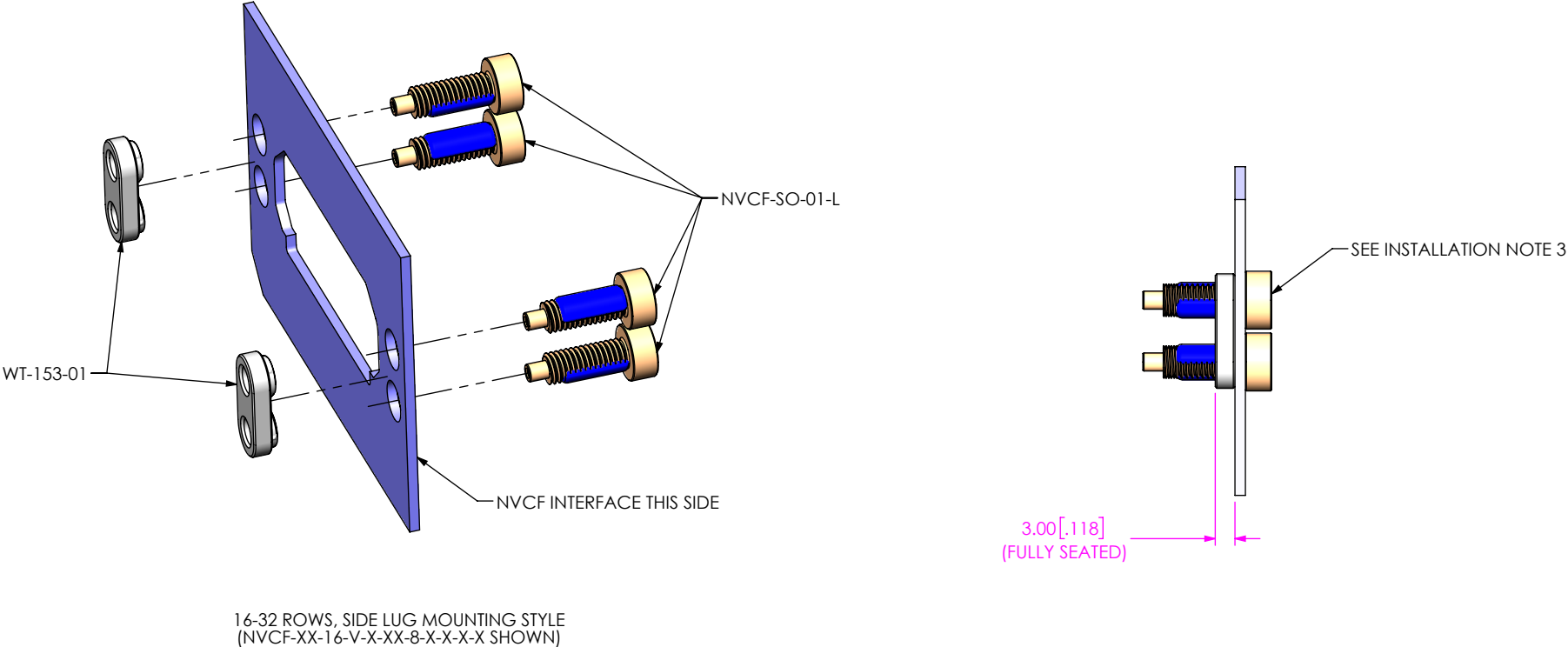
FIG 2
NVCF HARDWARE INSTALLATION

STANDOFF INSTALLATION NOTES:

- 1. THREADED INSERTS MAY BE PRESSED INTO PCB MATERIAL PANELS WITH AN ARBOR PRESS OR OTHER LIKE TOOL.
- 2. FOR FIELD INSTALLATIONS, THREADED INSERTS MAY BE INSTALLED BY HOLDING THE INSERT STATIONARY WHILE TIGHTENING THE STANDOFF (NVCF-SO-01) TO DRAW THE STANDOFF INTO THE BOARD. TORQUE TO SPEC (SEE NOTE 1) TO SECURE FASTENER IN A STATIC ENVIRONMENT ASSUMING RECOMMENDED BOARD TO BOARD DISTANCES ARE ACHIEVED WITHOUT DAMAGE TO THE PCB, HARDWARE OR OTHER COMPONENTS.
- 3. FOR FIELD INSTALLATIONS OF 2 POSITION THREADED INSERTS (WT-153-01), ALTERNATE BETWEEN STANDOFFS ON THE SAME INSERT 1 TURN AT A TIME TO PREVENT BINDING AND MISALIGNED INSTALLATION IN PANEL.
- 4. FOR METAL PANELS, STANDOFFS MAY BE THREADED DIRECTLY INTO TAPPED HOLES IN THE PANEL. FOR METAL PANEL THICKNESSES LESS THAN 4mm, M5X0.8 NUT/WASHER (NOT PROVIDED) BACKING IS RECOMMENDED IN ADDITION TO THE THREADED PANEL.

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HARDWARE INSTALLATION ON PANEL (CONTINUED)



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NVCF PANEL MOUNTING

NVCF-XX-XX-V-X-XX-X-X-X-X

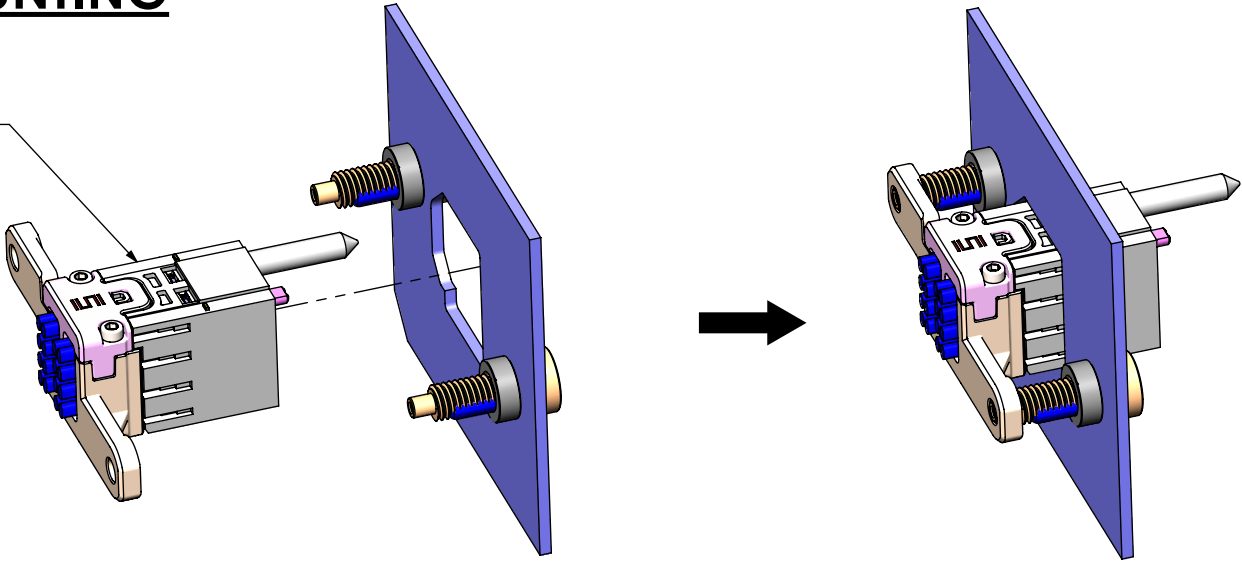


FIG 3
PLACE NVCF-XX-XX-V-X-XX-X-X-X-X
ONTO STANDOFFS
(NVCF-XX-04-V-X-XX-2-X-X-X-X SHOWN)

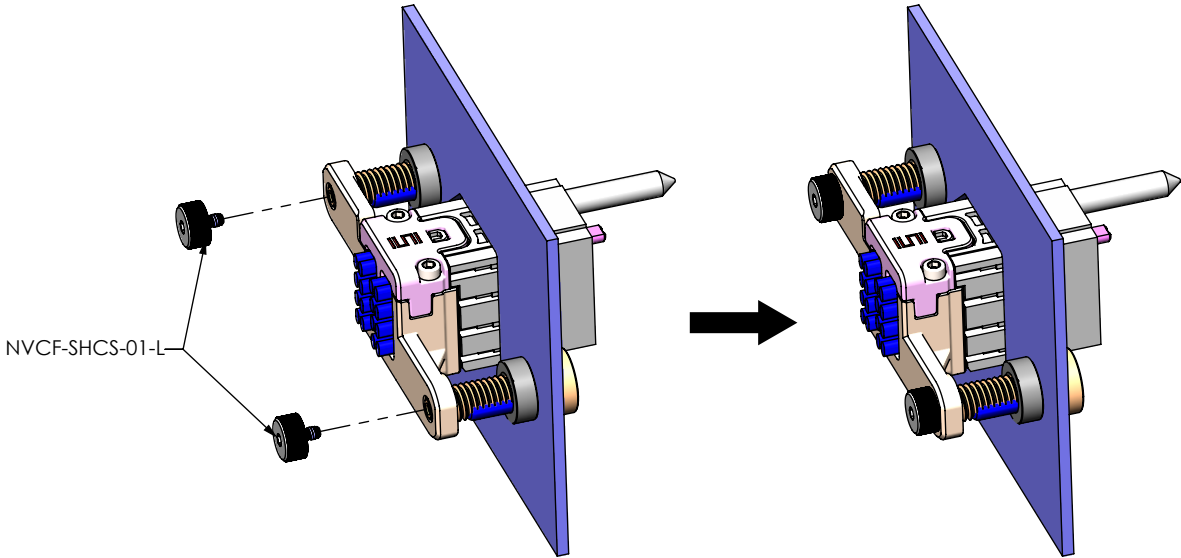


FIG 4
INSTALL MOUNTING SCREWS
(NVCF-XX-04-V-X-XX-2-X-X-X-X SHOWN)

SEE NOTE 2

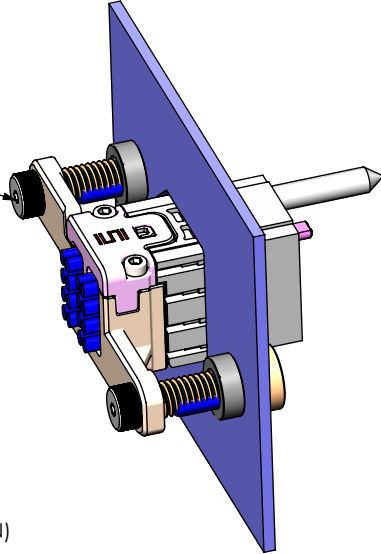


FIG 5
TORQUE SCREWS
(NVCF-XX-04-V-X-XX-2-X-X-X-X SHOWN)

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DESCRIPTION:
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DWG. NO.
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BY: RUZZI 8/1/2024 SHEET 4 OF 5

NO LUG MOUNTING STYLE

(NVCF IS SHOWN MOUNTED IN AN EXAMPLE FIXTURE)

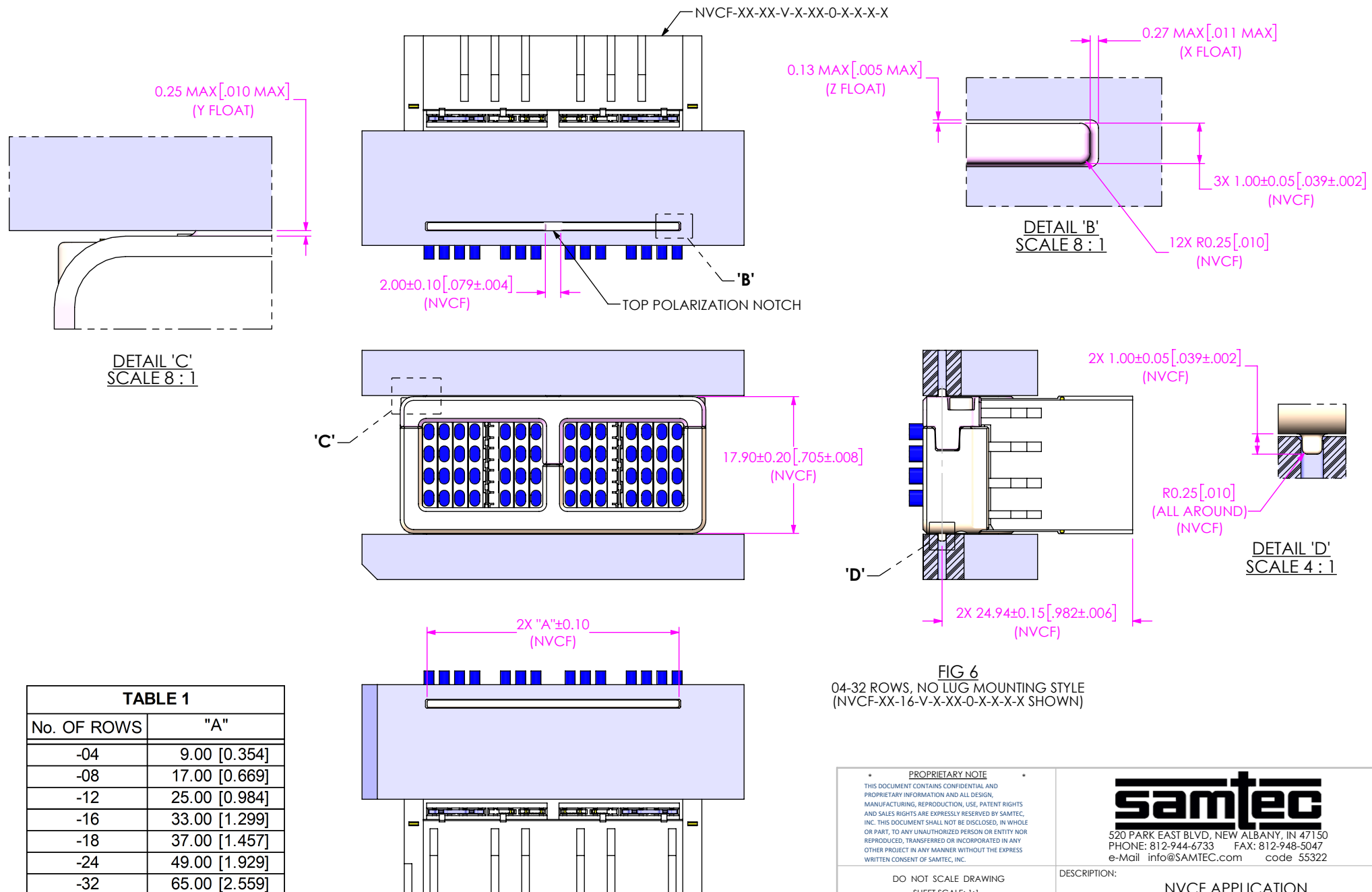


TABLE 1

No. OF ROWS	"A"
-04	9.00 [0.354]
-08	17.00 [0.669]
-12	25.00 [0.984]
-16	33.00 [1.299]
-18	37.00 [1.457]
-24	49.00 [1.929]
-32	65.00 [2.559]

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