

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

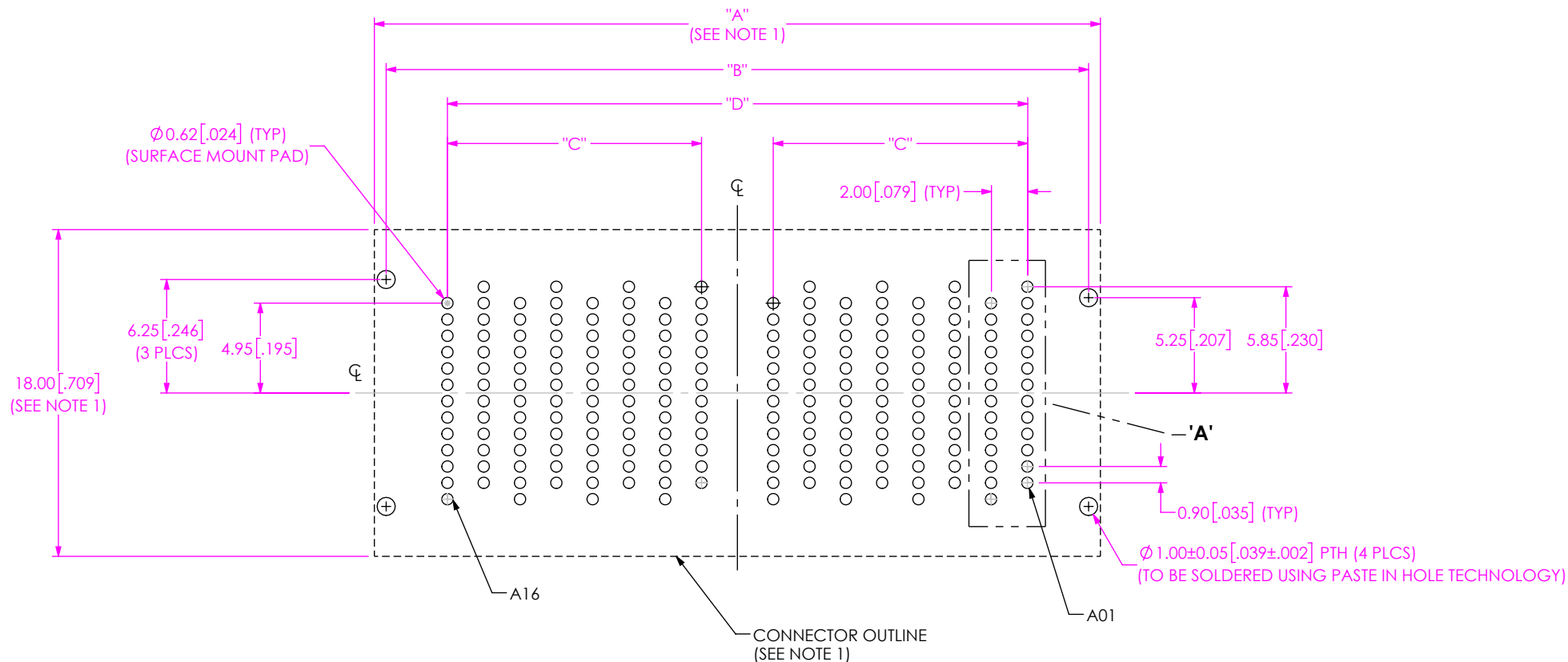


FIG1
NVBF-XX-16-VT-XXX-X FOOTPRINT SHOWN

NOTES:

1. CONNECTOR ENVELOPE DIMENSIONS. OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
2. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
3. SURFACE TRACE KEEP OUT ZONE.
4. -0 COLUMN TERMINATION CONNECTORS ARE SOLDERED WITH OPTIMIZED SOLDER PASTE VOLUME IN PLACE OF AN ATTACHED SOLDER BALL, USING OVERSIZED RECTANGULAR STENCIL APERTURES CENTERED OVER ROUND PCB PADS (DESIGN VERIFIED THROUGH TESTING). THE PASTE COALESCES DURING REFLOW TO FORM A COLUMNAR SOLDER JOINT. FOR MORE INFORMATION, CONTACT SAMTEC'S INTERCONNECT PROCESSING GROUP (IPG@SAMTEC.COM).
5. ALL GROUNDS WITHIN A ROW ARE COMMON.

NO. OF ROWS	"A"	"B"	"C"	"D"	"E"
-04	16.00 [0.630]	14.70 [0.579]	2.00 [0.079]	7.95 [0.3130]	16.40 [0.646]
-08	24.00 [0.945]	22.70 [0.894]	6.00 [0.236]	15.95 [0.6280]	24.40 [0.961]
-12	32.00 [1.260]	30.70 [1.209]	10.00 [0.394]	23.95 [0.9429]	32.40 [1.276]
-16	40.00 [1.575]	38.70 [1.524]	14.00 [0.551]	31.95 [1.2579]	40.40 [1.591]
-18	44.00 [1.732]	42.70 [1.681]	16.00 [0.630]	35.95 [1.4154]	44.40 [1.748]
-24	56.00 [2.205]	54.70 [2.154]	22.00 [0.866]	47.95 [1.8878]	56.40 [2.220]
-32	72.00 [2.835]	70.70 [2.783]	30.00 [1.181]	63.95 [2.5177]	72.40 [2.850]

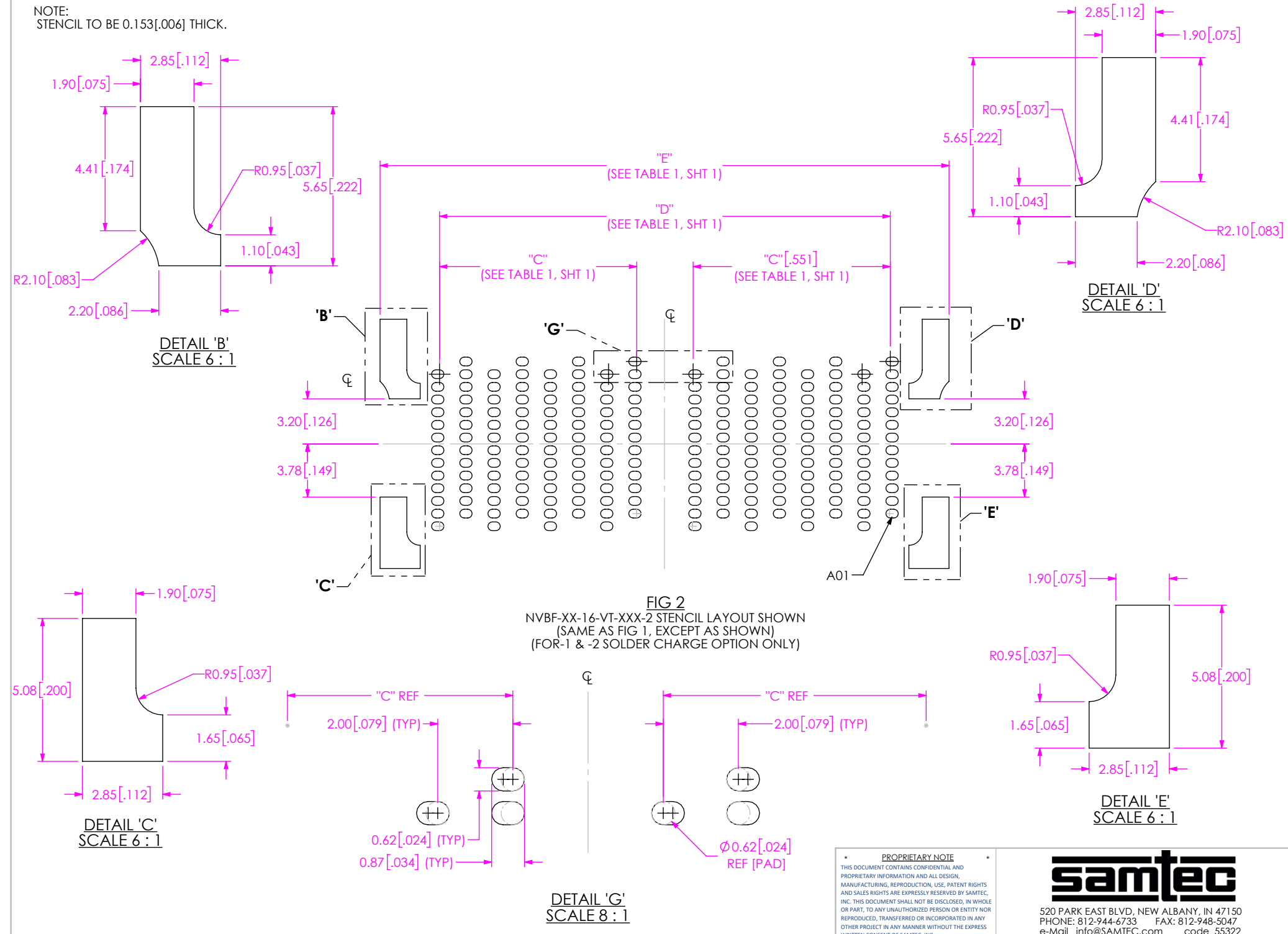
F:\DWG\MISC\Mktg\Footprint\NVBF-XX-XX-VT-XXX-X-X-X-FOOTPRINT.SLDDRW

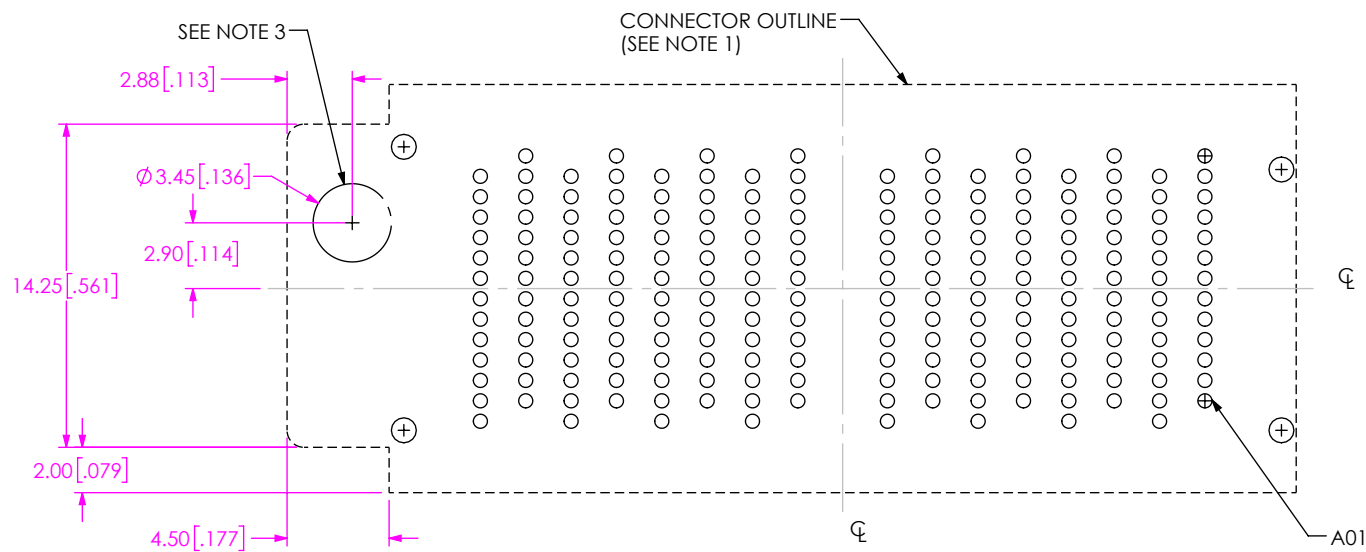
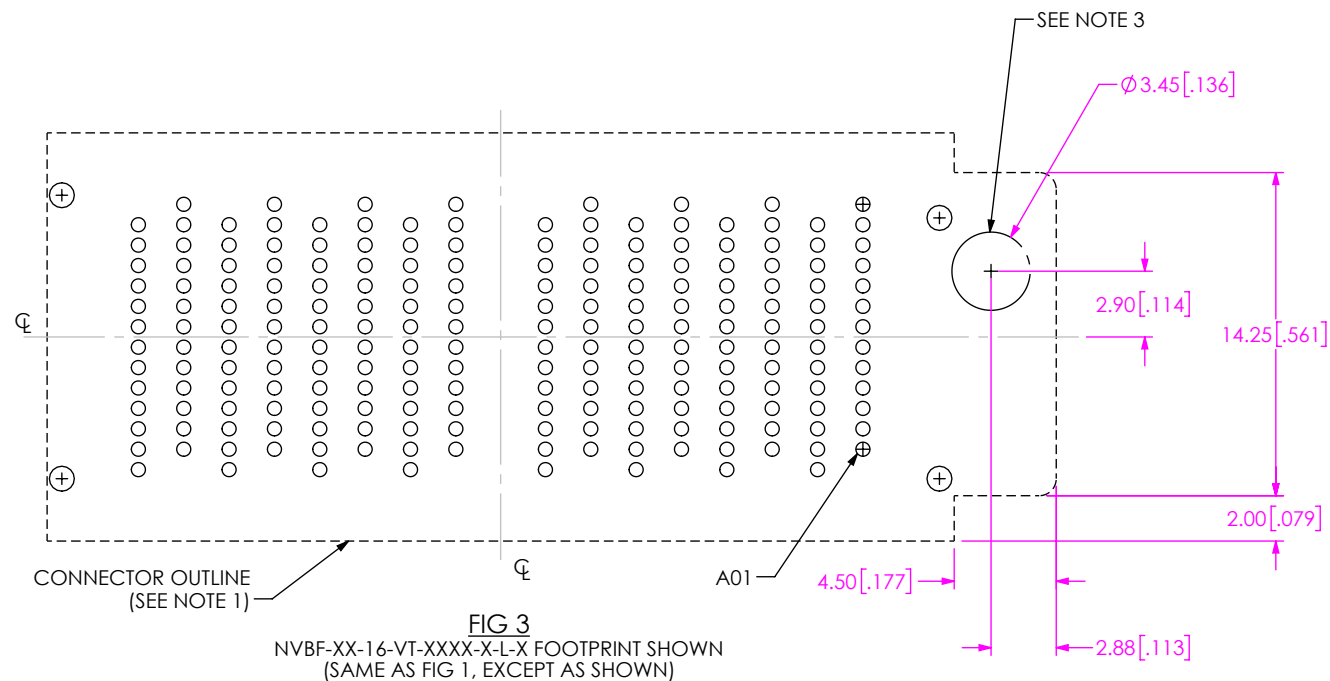
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samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

NOTE:
STENCIL TO BE 0.153[.006] THICK.





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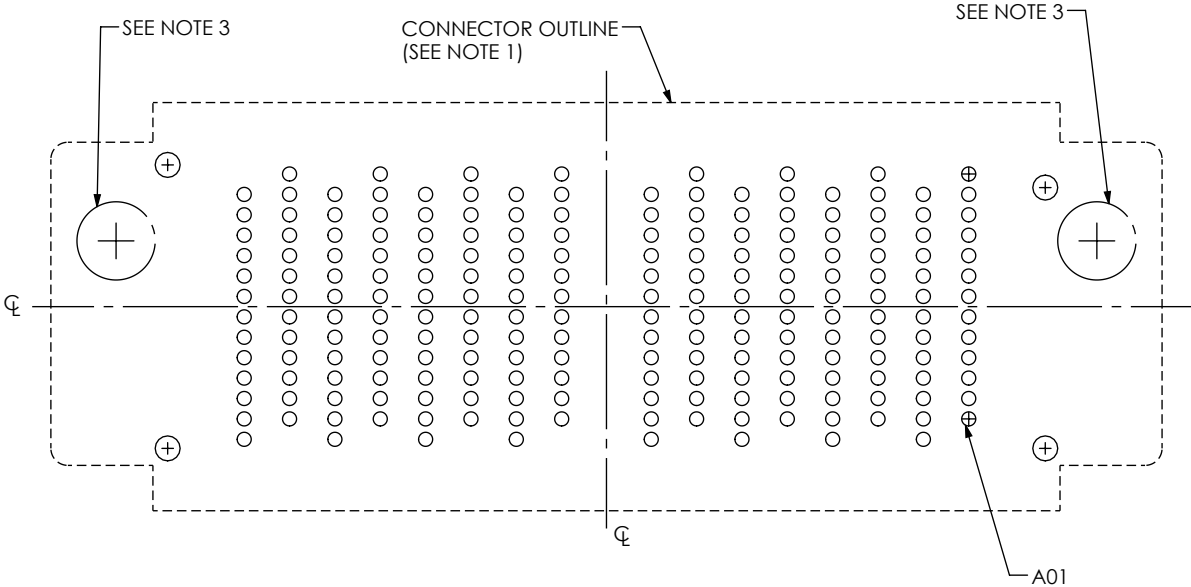
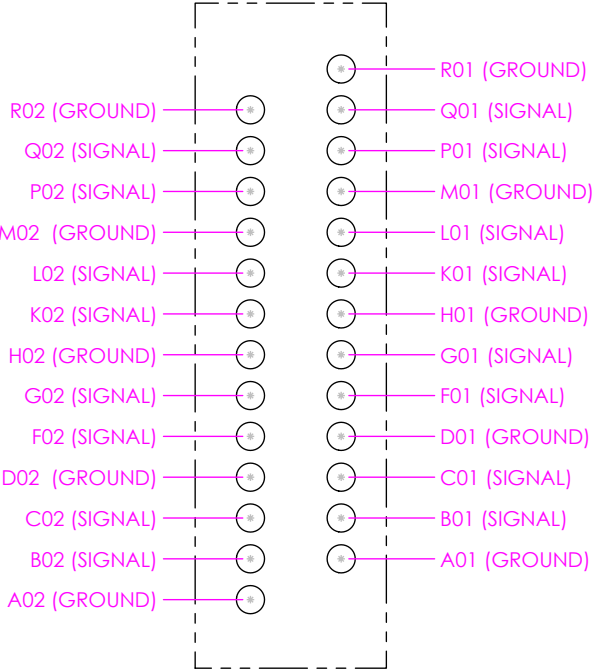


FIG 5
NVBF-XX-16-VT-XXXX-X-B-X FOOTPRINT SHOWN
(SAME AS FIGS 1, 3 & 4, EXCEPT AS SHOWN)



DETAIL 'A'
SCALE 6:1
(PINOUT)

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NOTE:
STENCIL TO BE 0.127[.005] OR 0.153[.006] THICK.

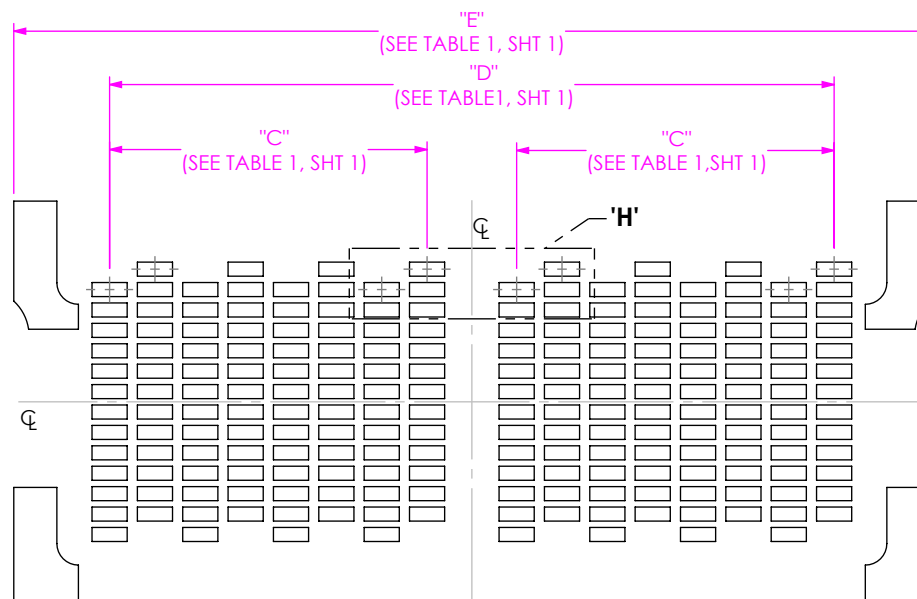


FIG 6
NVBF-XX-16-VT-XXX-0 STENCIL LAYOUT SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)
(FOR -0 COLUMN OPTION ONLY)

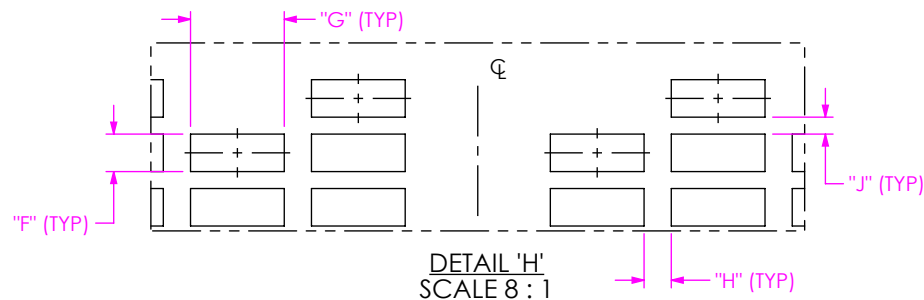


TABLE 2				
STENCIL THICKNESS	"F"	"G"	"H"	"J"
0.127 [0.005]	0.62 [0.024]	1.55 [0.061]	0.45 [0.018]	0.28 [0.011]
0.153 [0.006]	0.62 [0.024]	1.30 [0.051]	0.70 [0.028]	0.28 [0.011]

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