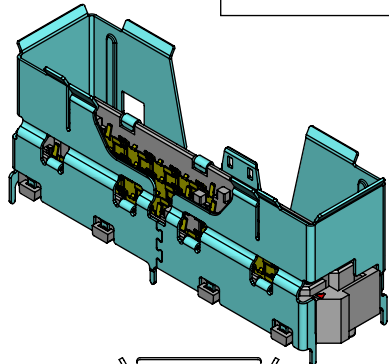


DO NOT
SCALE FROM
THIS PRINT



NVAM-XX-XX-X-XX.X-X-X-CX-XR

- STYLE**
-DP: 4 PAIRS PER WAFER
- ROW**
-02: 2 ROW
-03: 3 ROW
-04: 4 ROW
*-05: 5 ROW
*-06: 6 ROW
- BANKS**
-1: 1 BANK
-2: 2 BANK
*-3: 3 BANK
- LEAD STYLE**
-02.0: 2.0mm
(* = NOT TOOLED)
- TAPE & REEL (SEE NOTES 6 & 7)**
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL
- SHIELD TYPE**
-C: SHORT SHIELD (EXISTING CUSTOMERS ONLY) (MUST USE PPP-85-XX & SEE SHT 5)
-CT: TALL SHIELD (MUST USE PPP-93-XX)
- SOLDER COMPOSITION AND STYLE**
*-1: 63.0% TIN/37.0% LEAD CHARGE TAIL
-2: 96.5% TIN/3.0% SILVER/0.5% COPPER CHARGE TAIL
- PLATING**
-S: 30 μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAIL

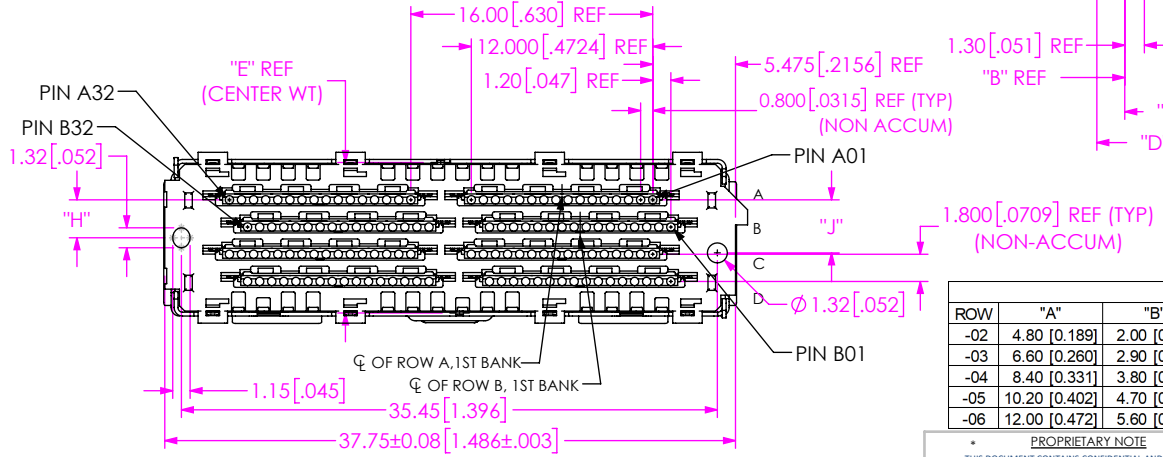
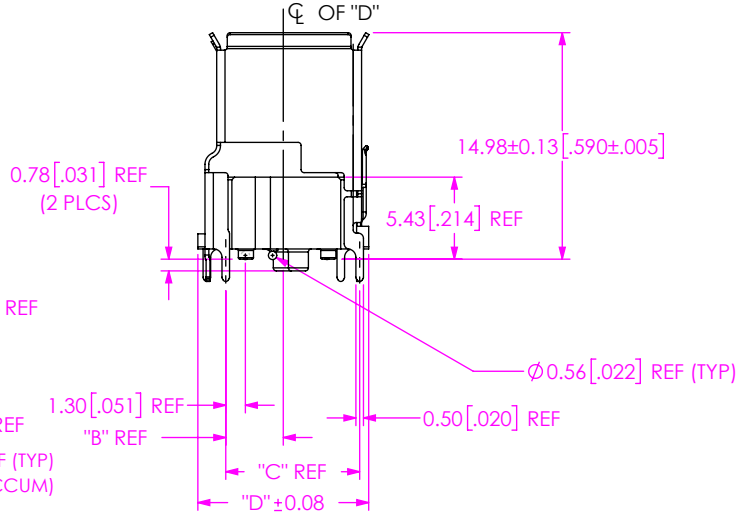
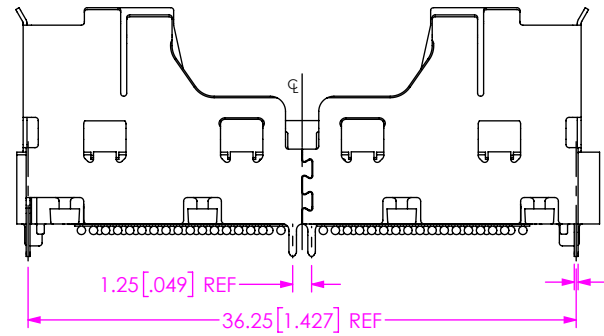
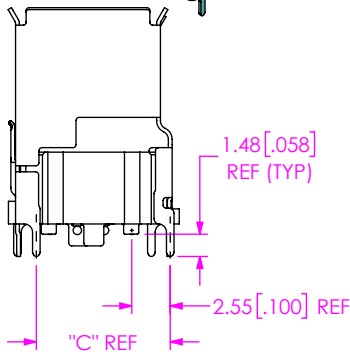
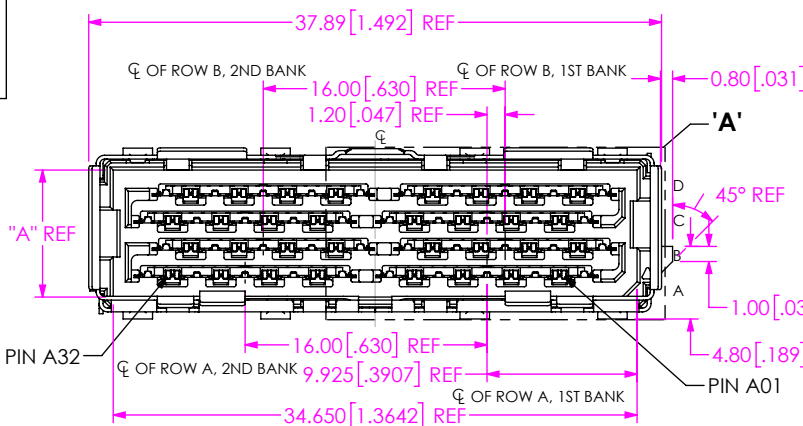


TABLE 1

ROW	"A"	"B"	"C"	"D"	"E"	"H"	"J"
-02	4.80 [0.189]	2.00 [0.079]	5.26 [0.207]	7.70 [0.303]	6.35 [0.250]	0.71 [0.028]	1.71 [0.067]
-03	6.60 [0.260]	2.90 [0.114]	7.06 [0.278]	9.50 [0.374]	8.15 [0.321]	1.61 [0.063]	2.61 [0.103]
-04	8.40 [0.331]	3.80 [0.150]	8.86 [0.349]	11.30 [0.445]	9.95 [0.392]	2.51 [0.099]	3.51 [0.138]
-05	10.20 [0.402]	4.70 [0.185]	10.66 [0.420]	13.10 [0.516]	11.75 [0.463]	3.41 [0.134]	4.41 [0.174]
-06	12.00 [0.472]	5.60 [0.221]	12.46 [0.490]	14.90 [0.587]	13.55 [0.533]	4.31 [0.170]	5.31 [0.209]

NOTES:

1. MINIMUM PUSH OUT FORCE 2.2N [0.50 LBS.]
2. TAPE & REEL IS STANDARD PACKAGING.
3. NOTE DELETED.
4. STANDOFFS AND ALIGNMENT PINS ARE STANDARD ON ALL STYLES.
5. PICK AND PLACE PADS PROVIDED AS STANDARD. SEE SHEET 4, FIG 4.
6. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
7. ATTACH LABEL-4X2 TO EACH REEL.

FIG 1
NVAM-DP-04-2-02.0-X-X-CT-XR SHOWN

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SHEET SCALE: 2:1

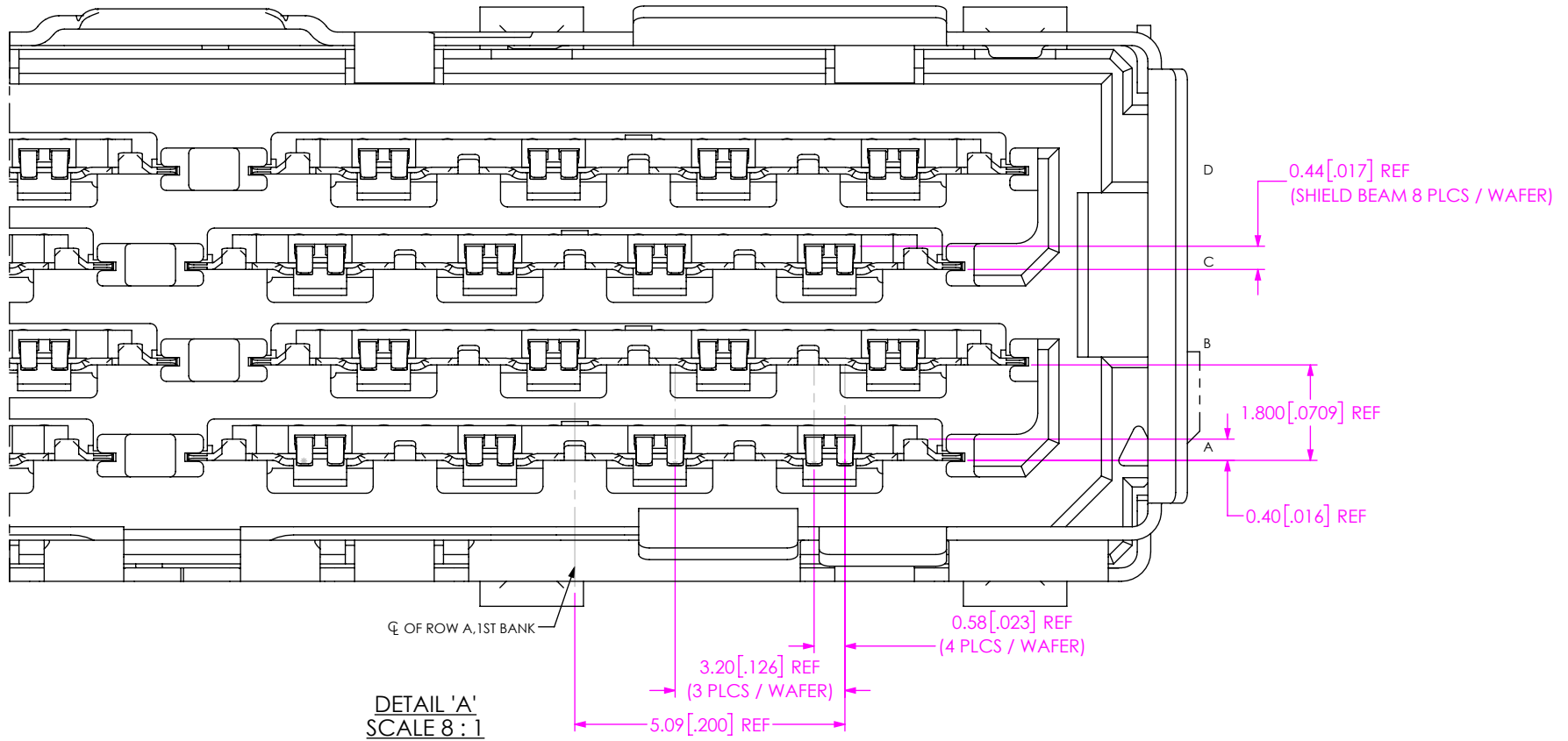
MATERIAL:
INSULATOR: LCP, COLOR: BLACK
CONTACT: COPPER ALLOY
SHIELD: COPPER ALLOY

DESCRIPTION:
NVAM 0.8mm ARRAY ASSY

DWG. NO.
NVAM-XX-XX-X-XX.X-X-X-CX-XR

BY: B BLESSING 10/20/17 SHEET 1 OF 5

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DETAIL 'A'
SCALE 8:1

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SHEET SCALE: 2:1

DESCRIPTION:
NVAM 0.8mm ARRAY ASSY

DWG. NO.
NVAM-XX-XX-X-XX.X-X-X-CX-XR

BY: B BLESSING 10/20/17 SHEET 2 OF 5

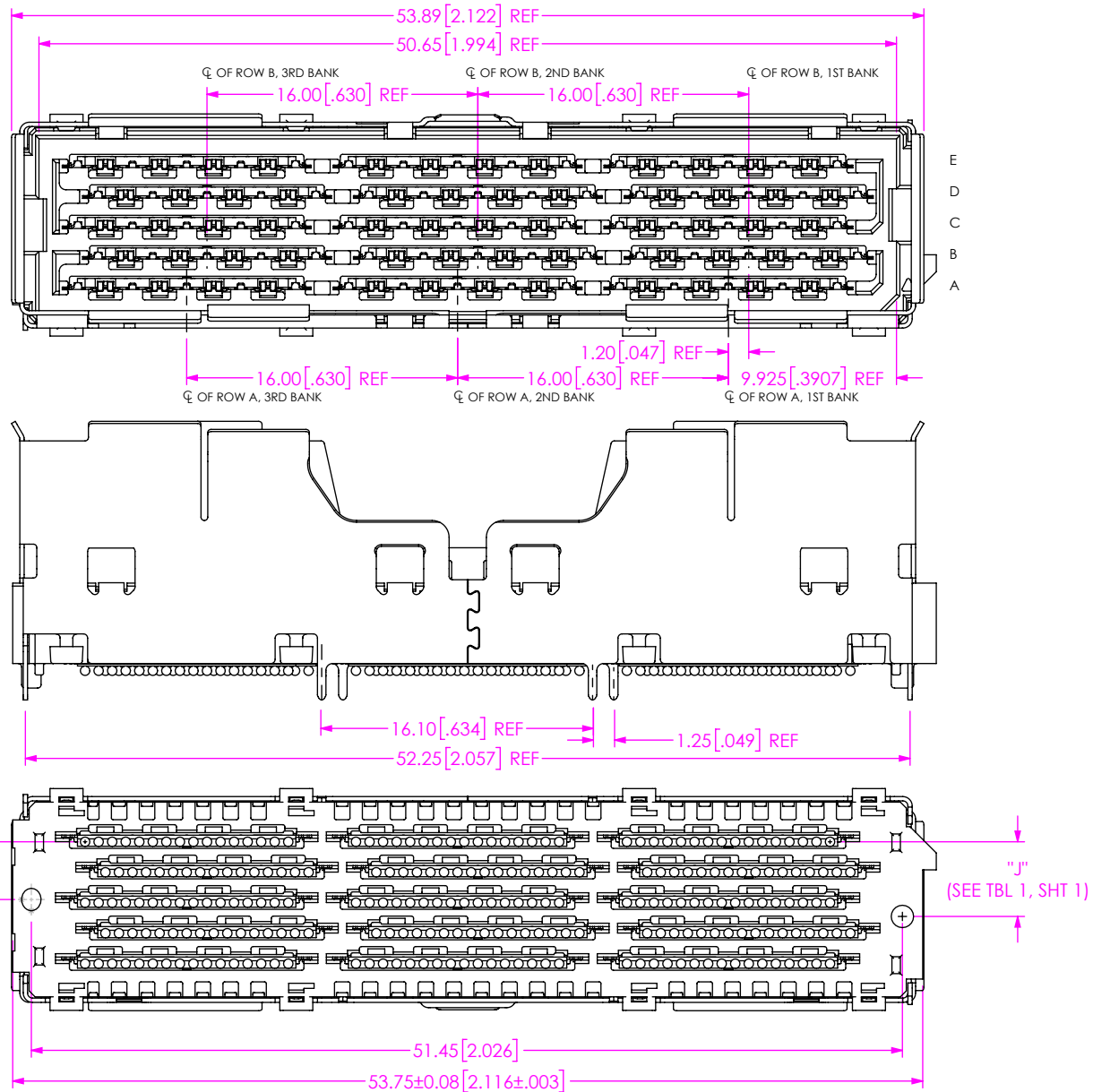


FIG 2
 NVAM-DP-05-3-02.0-X-X-CT-XR SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)

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SHEET SCALE: 2:1



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DESCRIPTION:
 NVAM 0.8mm ARRAY ASSY

DWG. NO.
 NVAM-XX-XX-X-XX-X-X-CX-XR

BY: B BLESSING 10/20/17 SHEET 3 OF 5

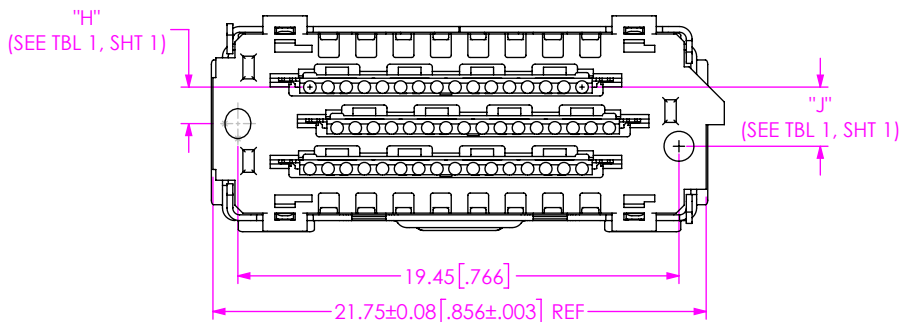
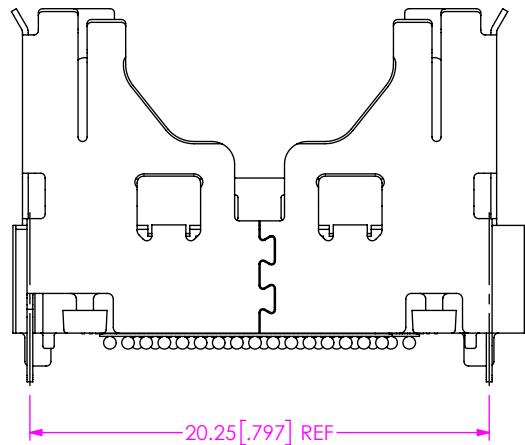
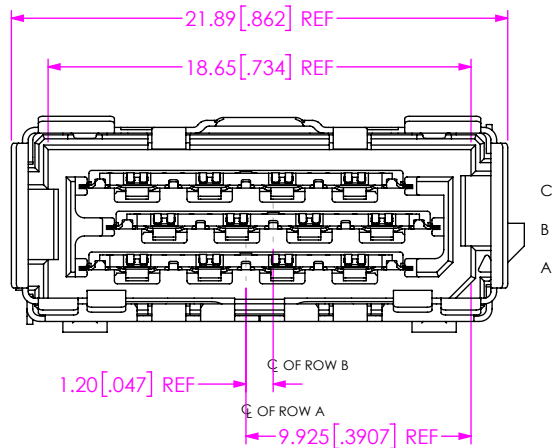


FIG 3
NVAM-DP-03-1-02.0-X-X-CT-XR SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

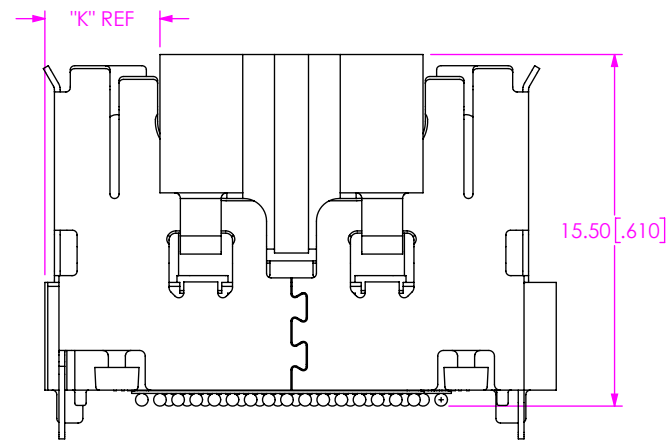
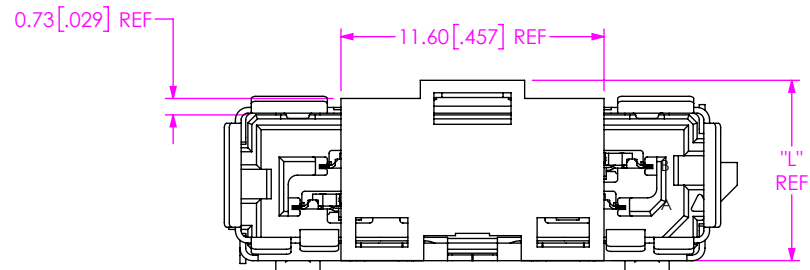


FIG 4
PICK AND PLACE PAD
NVAM-DP-02-1-02.0-X-X-CT-XR SHOWN

TABLE 4		TABLE 5	
BANKS	"K"	ROWS	"L"
-1	5.08 [0.200]	-02	7.95 [0.313]
-2	13.08 [0.515]	-03	9.75 [0.384]
-3	21.08 [0.830]	-04	11.55 [0.455]
		-05	13.35 [0.526]
		-06	15.15 [0.596]

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DESCRIPTION:
NVAM 0.8mm ARRAY ASSY

DWG. NO.
NVAM-XX-XX-X-XX.X-X-X-CX-XR

BY: B BLESSING 10/20/17 SHEET 4 OF 5

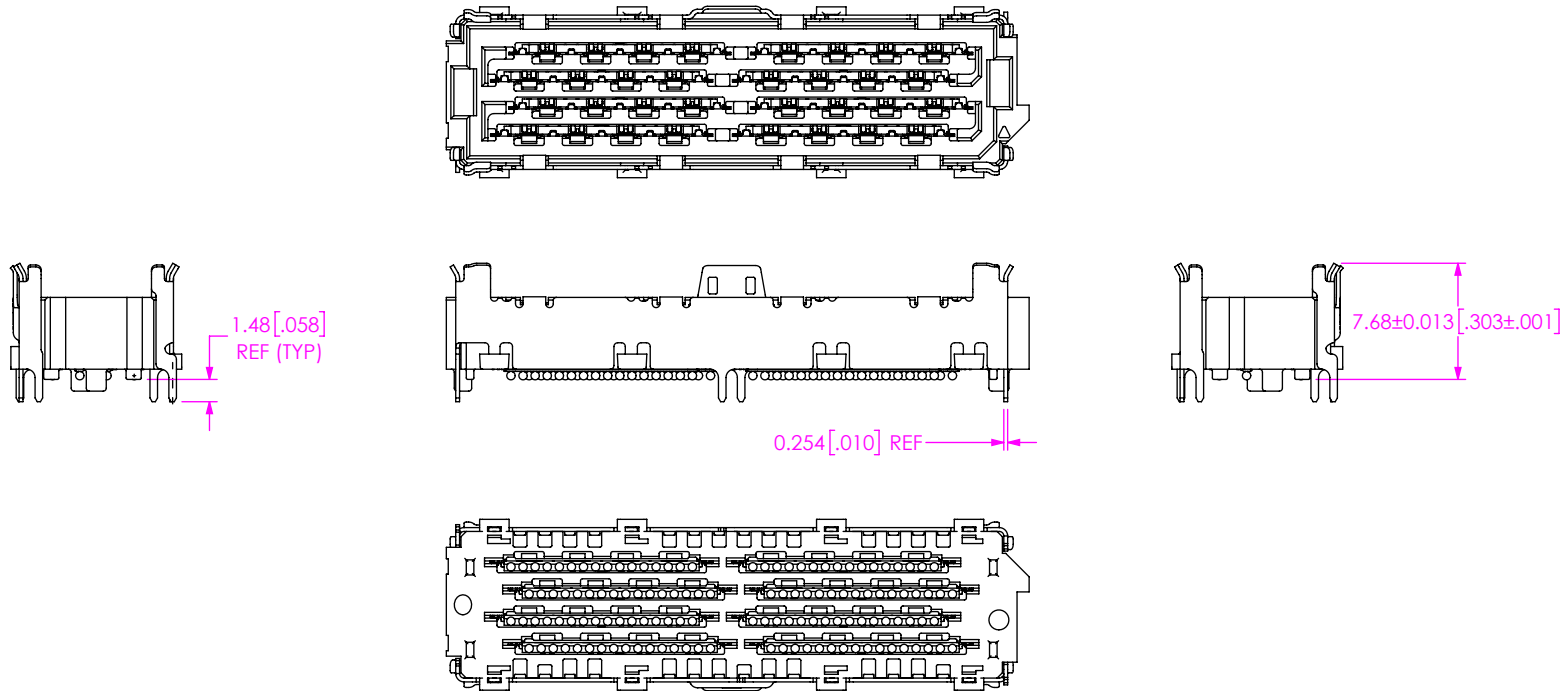


FIG 5
NVAM-DP-04-2-02.0-X-X-C-XR SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

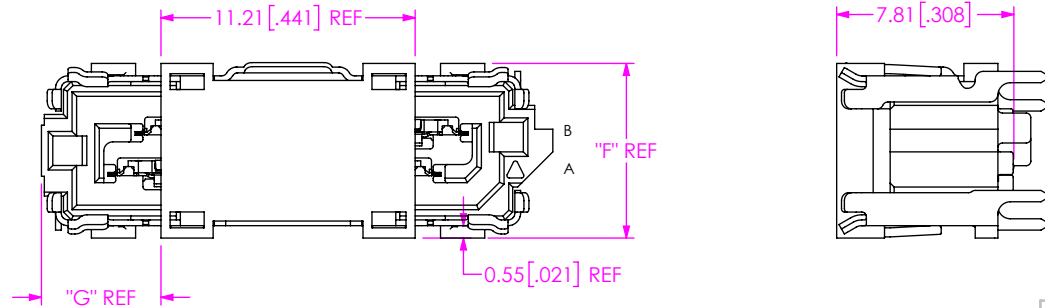


FIG 6
PICK AND PLACE PAD
NVAM-DP-02-1-02.0-X-X-C-XR SHOWN

TABLE 2		
ROWS	"F"	
-02	7.70	[0.303]
-03	9.50	[0.374]
-04	11.30	[0.445]
-05	13.10	[0.516]
-06	14.90	[0.587]

TABLE 3		
BANKS	"G"	
-1	5.27	[0.208]
-2	13.27	[0.522]
-3	21.27	[0.837]

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SHEET SCALE: 3:1

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DESCRIPTION:
 NVAM 0.8mm ARRAY ASSY

DWG. NO.
 NVAM-XX-XX-X-XX.X-X-X-CX-XR

BY: B BLESSING 10/20/17 SHEET 5 OF 5