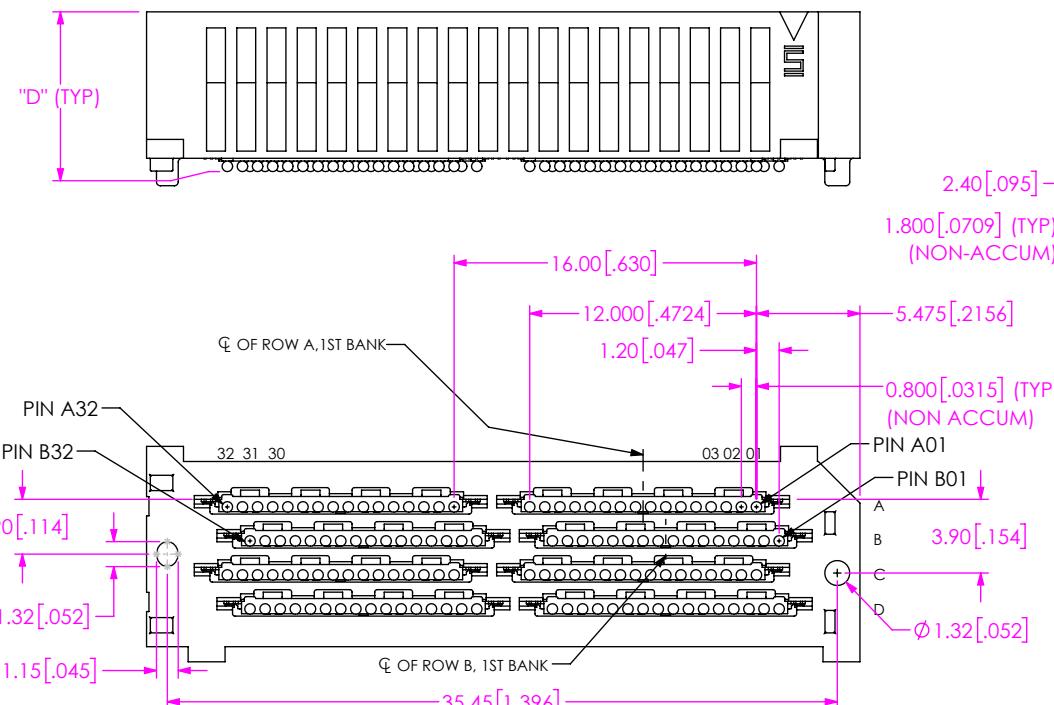
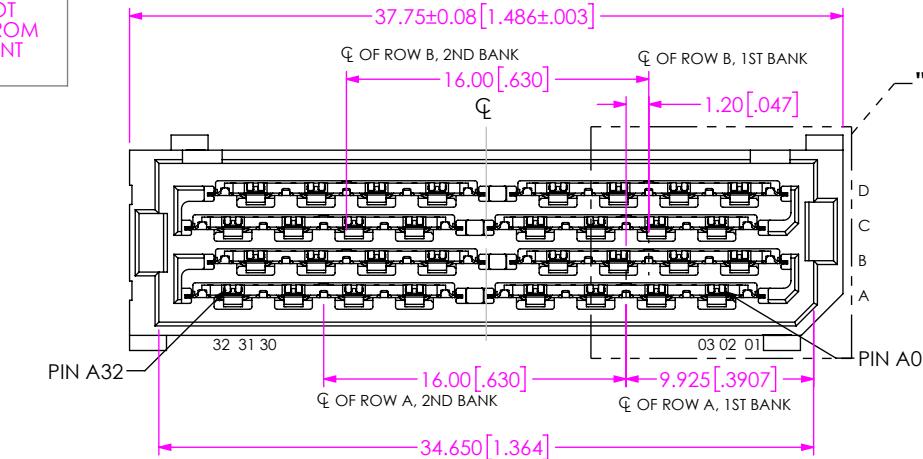


DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]  
ALL DIMENSIONS REFERENCEDO NOT  
SCALE FROM  
THIS PRINT

## NOTES:

1. NOTE DELETED.
2. NOTE DELETED.
3. NOTE DELETED.
4. ATTACH LABEL-4X2 TO EACH REEL.
5. K-DOT PROVIDED AS STANDARD.
6. ALIGNMENT PINS AND STANOFFS ARE STANDARD ON ALL STYLES.
7. NOTE DELETED.
8. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

FIG 1  
NVAM-DP-04-2-05.0-X-X-K-XR SHOWN

NVAM-XX-XX-X-XX.X-X-X-XX-K-XR

-DP: 4 PAIRS  
PER WAFERROW  
-02: 2 ROW  
-03: 3 ROW  
-04: 4 ROW  
-05: 5 ROW  
\*\*-06: 6 ROWBANKS  
-1: 1 BANK  
-2: 2 BANK  
□-3: 3 BANKLEAD STYLE  
-02.0: 2.0mm  
-05.0: 5.0mm

TAPE &amp; REEL (SEE NOTES 4 &amp; 8)

-TR: TAPE &amp; REEL

-WT: FULL REEL QTY TAPE &amp; REEL

K-DOT

-K: (SEE NOTE 5)

WELD TAB OPTION

BLANK: NO WELD TAB

-WT: WELD TAB (SEE SHT 4)

SOLDER COMPOSITION AND STYLE

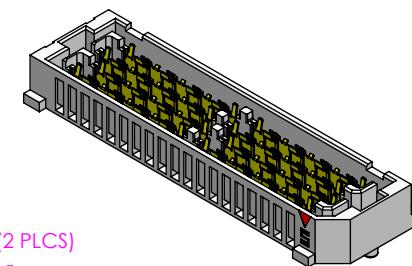
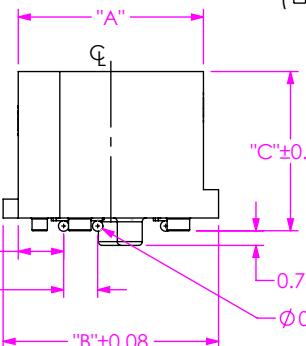
\*1: 63.0% TIN/37.0% LEAD

-2: 96.5% TIN/3.0% SILVER/  
0.5% COPPER

PLATING

-S: 30  $\mu$  IN SELECTIVE GOLD IN  
CONTACT AREA, MATTE TIN TAIL

(\* = NOT TOOLED)

(\*\* = NOT TOOLED FOR 2: 2 BANK OR -3: 3 BANK;  
NOT AVAILABLE FOR -05.0 LEAD STYLE)(□ = ONLY TOOLED FOR -02/-03/-04 ROWS WITH  
-02.0 LEAD STYLE AND NO WELD TAB OPTION)

ROW	TABLE 1	
	"A"	"B"
-02	6.20 [0.244]	7.80 [0.307]
-03	8.00 [0.315]	9.60 [0.378]
-04	9.80 [0.386]	11.40 [0.449]
-05	11.60 [0.457]	13.20 [0.520]
-06	13.40 [0.528]	15.00 [0.591]

LEAD STYLE	TABLE 2	
	"C"	"D"
-02.0	5.425 [0.2136]	5.454 [0.2147]
-05.0	8.425 [0.3317]	8.454 [0.3328]

NVAF LEAD STYLE	TABLE 3 STACK HEIGHT			
	-02.0	-5.0	-11.0	-14.0
-05.0	7.00 [0.276]	10.00 [0.394]	16.00 [0.630]	19.00 [0.748]
-07.0	9.00 [0.354]	12.00 [0.472]	18.00 [0.709]	21.00 [0.827]

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MATERIAL:	Sheet Scale: 2:1
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-XX-K-XR
BY:	B BLESSING 5/24/17
	SHEET 1 OF 4

**Samtec**  
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 e-Mail: info@SAMTEC.com code 55322

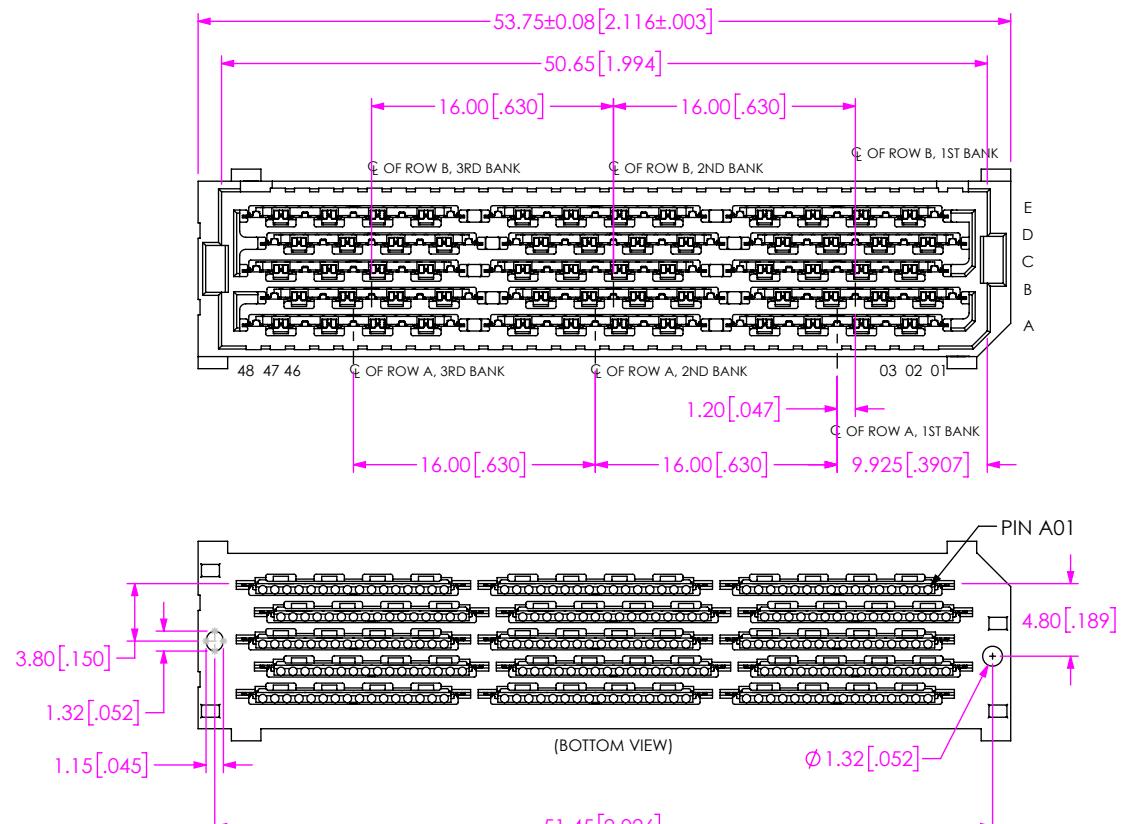
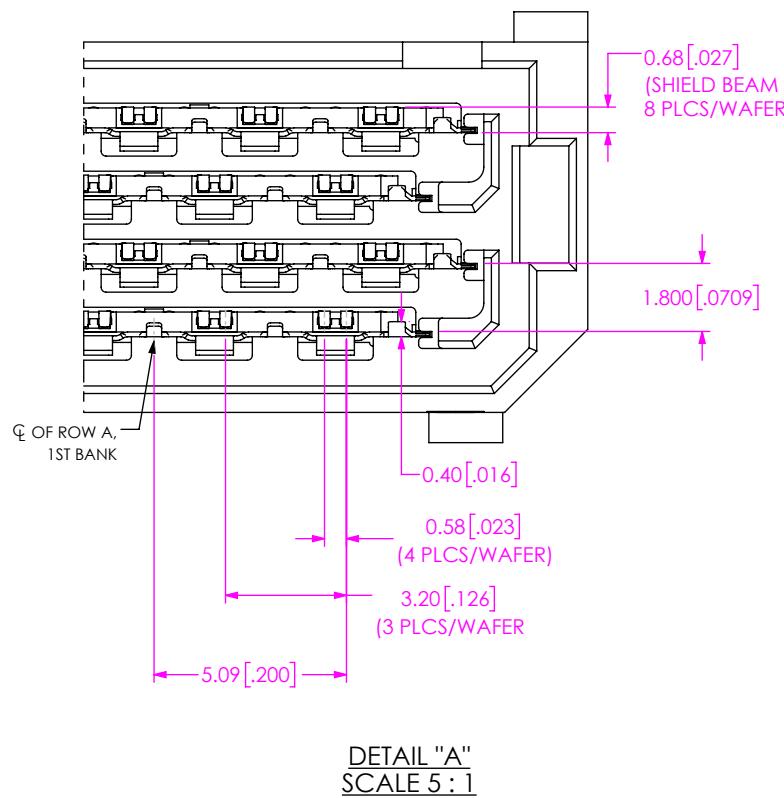


FIG 3

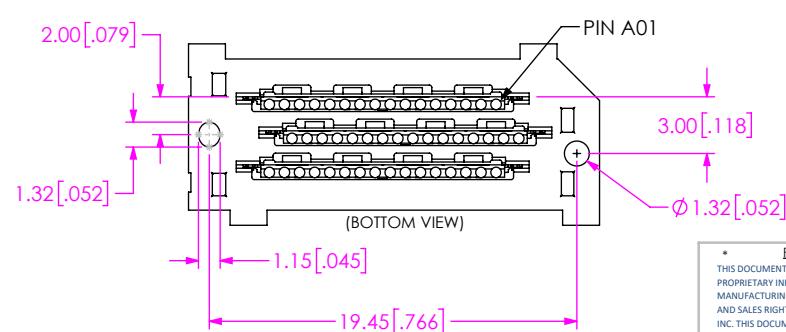
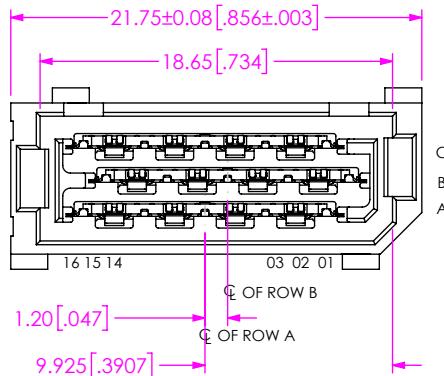


FIG 2  
NVAM-DP-03-1-02.0-X-X-K-XR SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)

F:\DWG\SW\Exisprod\Assembly\Point8mm\NVAM-XX-XX-X-XX.X-X-X-XX-K-XR.SLDDRW

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SHEET SCALE: 2:1

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ON: [www.abbay.com](http://www.abbay.com)

## NVAM 0.8mm ARRAY ASSY

М.ХХ.ХХ.Х.ХХ.Х.Х.Х.ХХ.К.ХР.

BLESSING 5/24/17

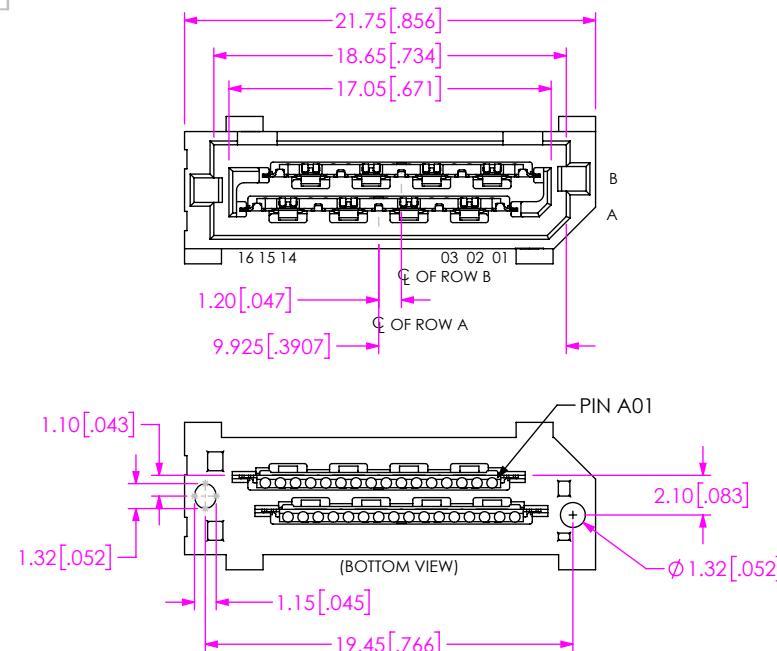


FIG 4  
NVAM-DP-02-1-02.0-X-X-K-XR SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)

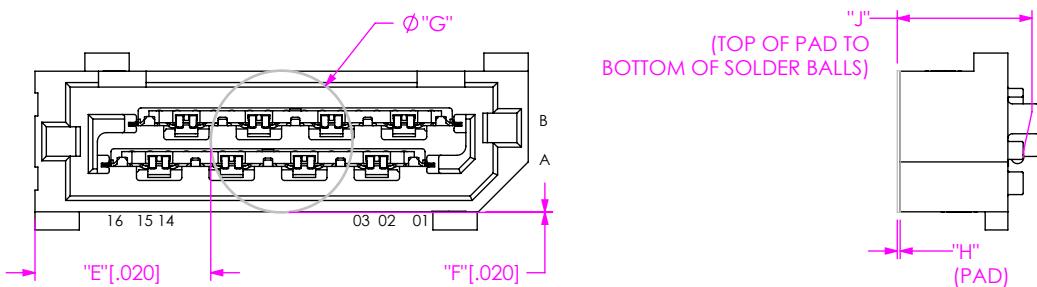


FIG 6  
POLYIMIDE PAD  
NVAM-DP-02-1-02.0-X-X-XX-K-XR SHOWN

LEAD STYLE	"J"	"J" (-06 ROW)
-02.0	5.58 [0.220]	5.71 [0.225]
-05.0	8.58 [0.338]	8.71 [0.343]

TABLE 4

ROWS	"E"						"F"	Ø"G"	"H"
	1 BANK		2 BANK		3 BANK				
	NO WT	-WT	NO WT	-WT	NO WT	-WT			
-02	7.75 [0.305]	9.55 [0.376]	15.75 [0.620]	17.55 [0.691]	23.75 [0.935]	25.55 [1.006]	0.28 [0.011]	6.25 [0.246]	0.13 [0.005]
-03	6.75 [0.266]	8.55 [0.337]	14.75 [0.581]	16.55 [0.652]	22.75 [0.896]	24.55 [0.967]	0.38 [0.015]	8.25 [0.325]	0.13 [0.005]
-04	5.75 [0.226]	7.55 [0.297]	13.75 [0.541]	15.55 [0.612]	21.75 [0.856]	23.55 [0.927]	0.48 [0.019]	10.25 [0.404]	0.13 [0.005]
-05	5.04 [0.198]	6.84 [0.269]	13.04 [0.513]	14.84 [0.584]	21.04 [0.828]	22.84 [0.899]	0.29 [0.011]	11.68 [0.460]	0.13 [0.005]
-06	3.88 [0.153]	5.68 [0.223]	11.88 [0.468]	13.68 [0.538]	19.88 [0.783]	21.68 [0.854]	0.55 [0.022]	14.00 [0.551]	0.25 [0.010]

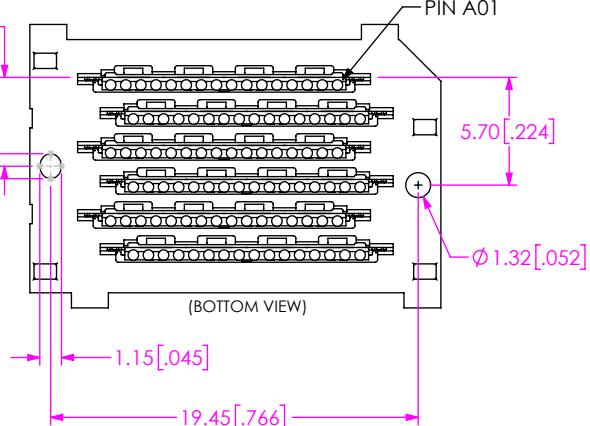
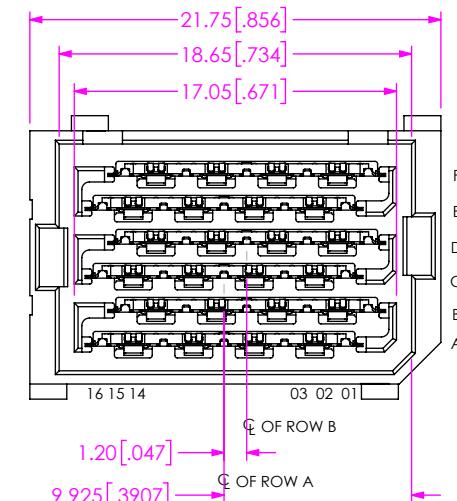


FIG 5  
NVAM-DP-06-1-02.0-X-X-K-XR SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: NVAM 0.8mm ARRAY ASSY  
DWG. NO. NVAM-XX-XX-X-XX.X-X-XX-K-XR

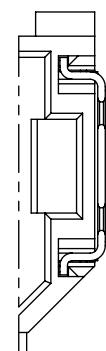
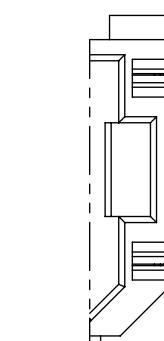
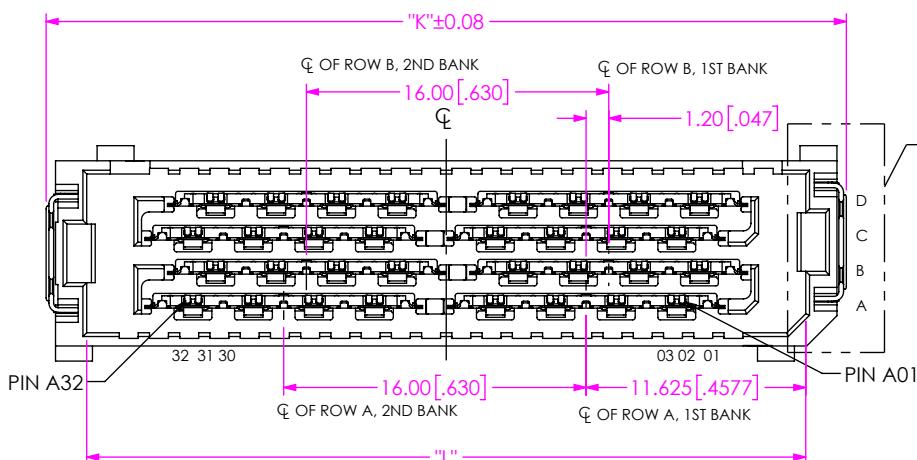
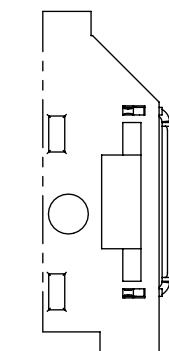
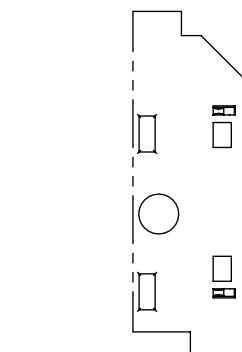
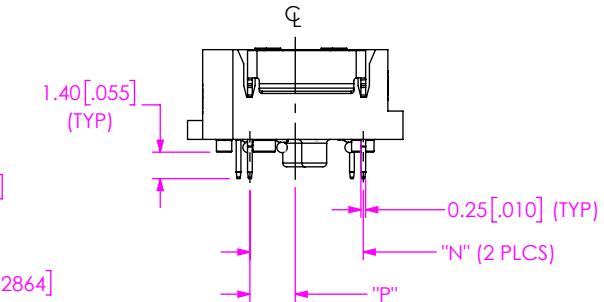
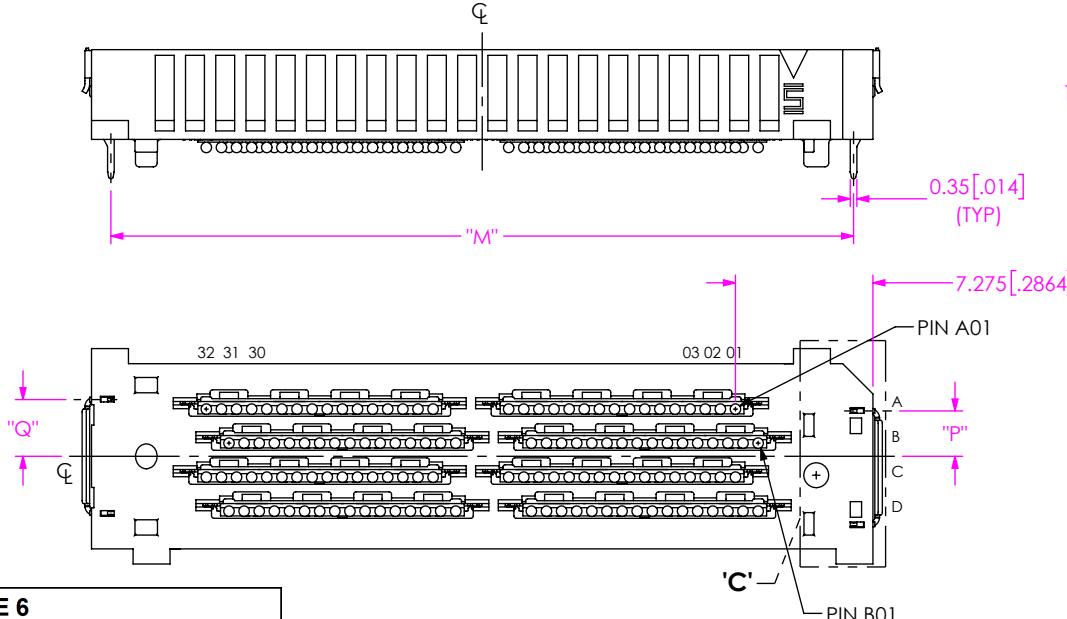
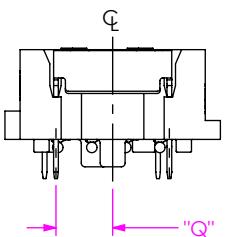
DETAIL 'B'  
SCALE 4 : 1  
(FOR -02.0 LEAD STYLE)DETAIL 'B'  
SCALE 4 : 1  
(FOR -05.0 LEAD STYLE)DETAIL 'C'  
SCALE 4 : 1  
(FOR -02.0 LEAD STYLE)DETAIL 'C'  
SCALE 4 : 1  
(FOR -05.0 LEAD STYLE)

TABLE 6

BANK OPTIONS	"K"	"L"	"M"
-1	26.35 [1.037]	22.05 [0.868]	23.30 [0.917]
-2	42.35 [1.667]	38.05 [1.498]	39.30 [1.547]
-3	58.35 [2.297]	54.05 [2.128]	55.30 [2.177]

TABLE 7

ROW OPTIONS	"N"	"P"	"Q"
-02	3.30 [0.130]	1.05 [0.041]	1.65 [0.065]
-03	5.10 [0.201]	1.95 [0.077]	2.55 [0.100]
-04	6.00 [0.236]	2.40 [0.094]	3.00 [0.118]
-05	6.00 [0.236]	2.40 [0.094]	3.00 [0.118]
-06	6.00 [0.236]	2.40 [0.094]	3.00 [0.118]

FIG 7  
NVAM-DP-04-2-02.0-X-X-WT-K-XR SHOWN  
(FOR -02.0 & -05.0 LEAD STYLE)  
(SAME AS FIG 1, EXCEPT AS SHOWN)

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SHEET SCALE: 2:1	
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DWG. NO.	NVAM-XX-XX-X-XX.X-X-X-XX-K-XR
BY:	B BLESSING 5/24/17
	SHEET 4 OF 4

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