

DO NOT SCALE FROM THIS PRINT

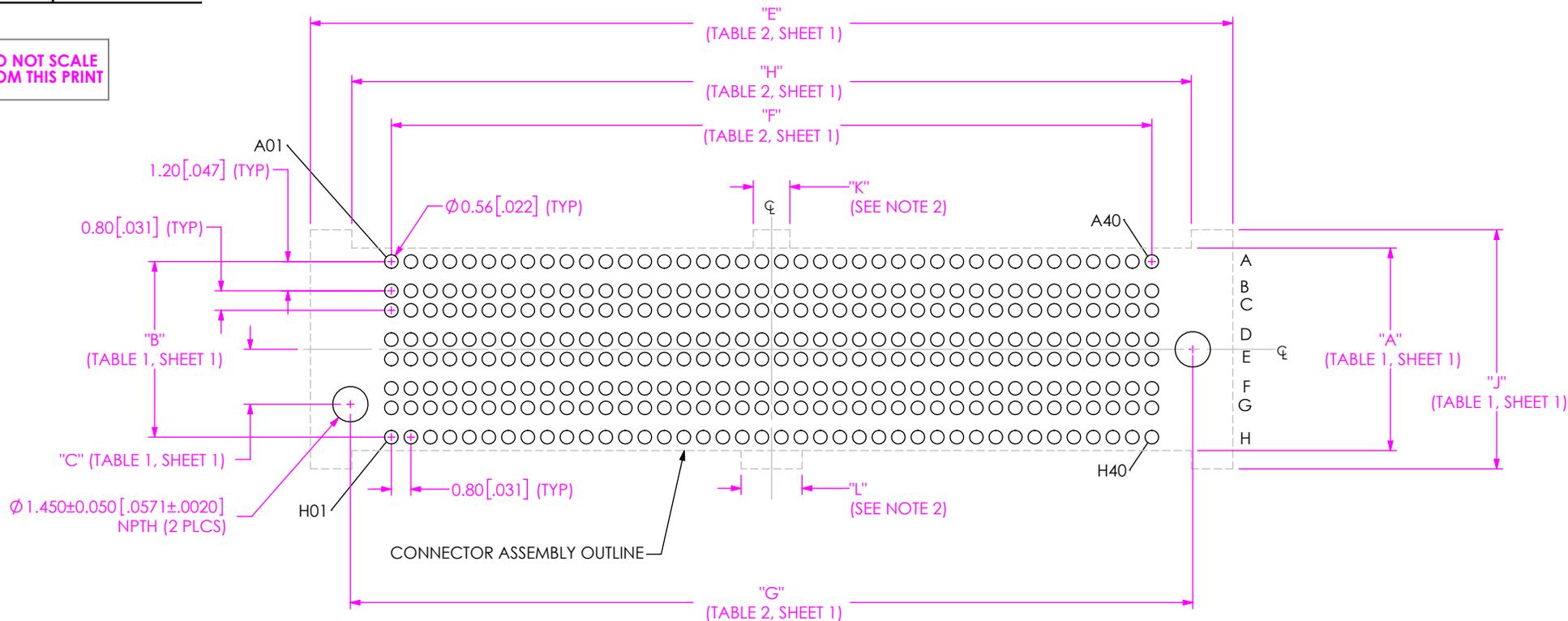


FIG 1 M  
SEAF8-40-05.0-XXX-XX-1-K-XX & SEAF8-40-05.0-XXX-XX-3-K-XX  
FOOTPRINTS SHOWN

M

TABLE 1 (TYPE 2 SOLDER)

-No. OF ROWS	"A"	"B"	"C"	"J"
-04	4.30 [0.169]	3.20 [0.126]	1.25 [0.049]	5.80 [0.228]
-06	6.30 [0.248]	5.20 [0.205]	2.25 [0.089]	7.80 [0.307]
*-08	8.30 [0.327]	7.20 [0.283]	2.25 [0.089]	9.80 [0.386]
*-10	10.46 [0.412]	9.20 [0.362]	2.25 [0.089]	11.80 [0.465]

(\* = SEE NOTE 3)

M

TABLE 2

No. OF POS. PER ROW	"E"	"F"	"G"	"H"	"K"	"L"
-10	13.84 [0.545]	7.20 [0.283]	10.56 [0.416]	10.70 [0.421]	N/A	N/A
-20	21.84 [0.860]	15.20 [0.598]	18.56 [0.731]	18.70 [0.736]	N/A	N/A
-30	29.84 [1.175]	23.20 [0.913]	26.56 [1.046]	26.70 [1.051]	N/A	N/A
-40	37.84 [1.490]	31.20 [1.228]	34.56 [1.361]	34.70 [1.366]	1.50 [0.059]	2.50 [0.098]
-50	45.84 [1.805]	39.20 [1.543]	42.56 [1.676]	42.70 [1.681]	1.50 [0.059]	2.50 [0.098]

NOTES:

1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
2. CENTER MACHINE LUGS ARE ONLY ON -40, -50 & -60 POSITIONS.
3. -8 & -10 ROWS ARE RELEASED FOR NITROGEN ENVIRONMENT PROCESSING ONLY. NOT RECOMMENDED FOR AIR ONLY PROCESSING.

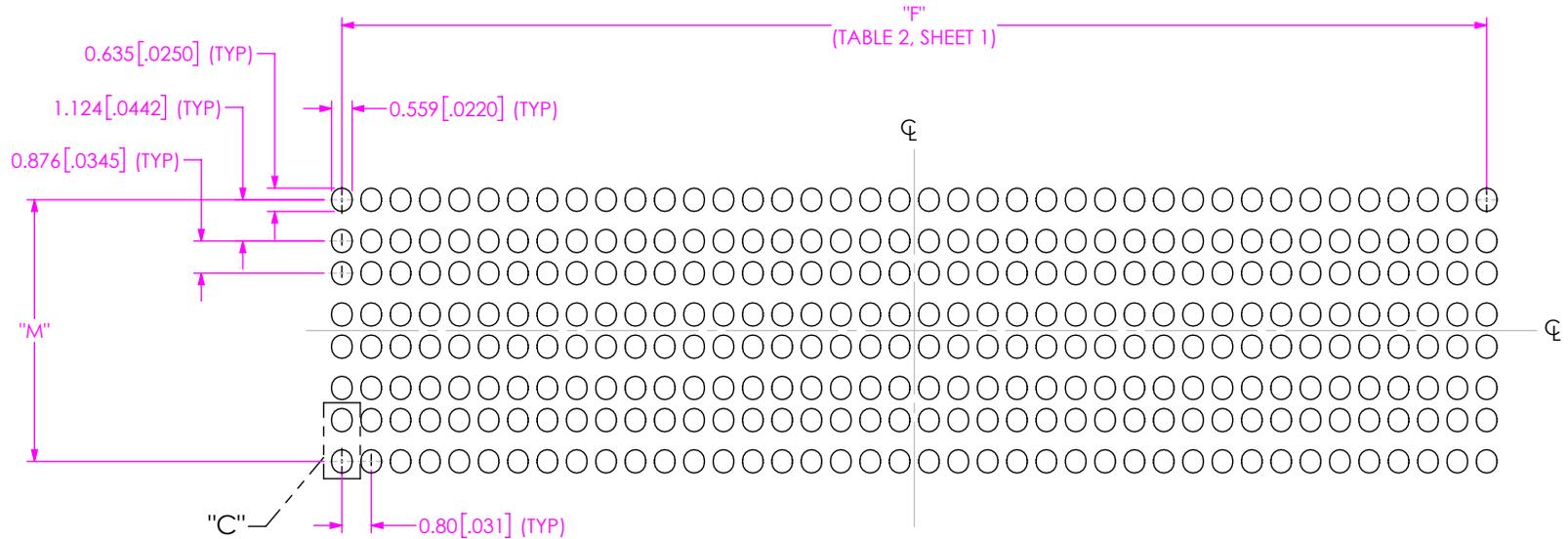
PROPRIETARY NOTE  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

**samtec**

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

M

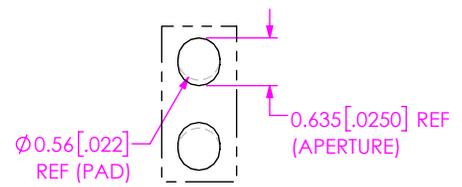
NOTE:  
STENCIL TO BE 0.127 [.0050] THICK.



**M** FIG 2

SEAF8-40-05.0-XXX-XX-1-K-XX & SEAF8-40-05.0-XXX-XX-3-K-XX STENCILS SHOWN  
ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

APERTURES TO BE OFFSET AS SHOWN



DETAIL "C"  
SCALE 10 : 1

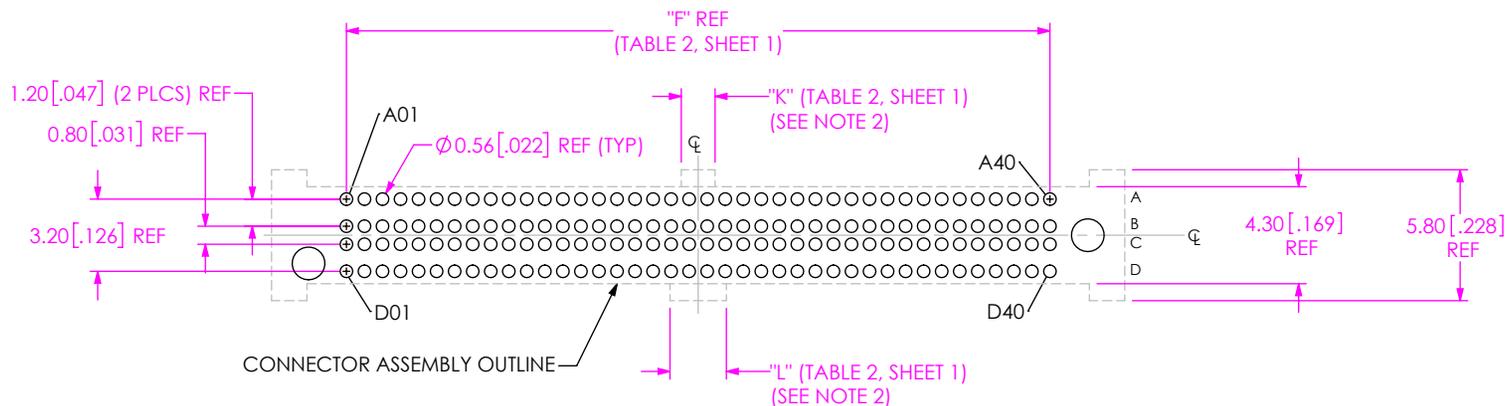
**M**

TABLE 3 (TYPE 1 & 3 SOLDER)	
No. OF ROWS	"M"
-04	3.124 [0.1230]
-06	5.124 [0.2017]
-08	7.124 [0.2805]
-10	9.124 [0.3592]

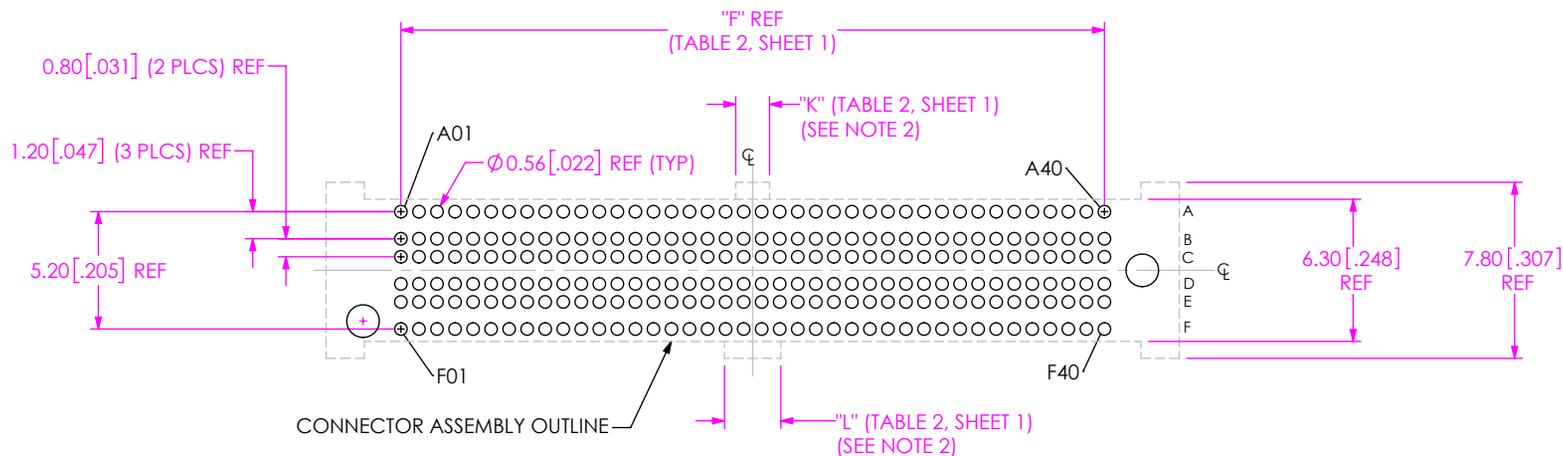
**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

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

**M**



**M** FIG 3  
SEAF8-40-05.0-XXX-04-1-K-XX & SEAF8-40-05.0-XXX-04-3-K-XX  
FOOTPRINTS SHOWN



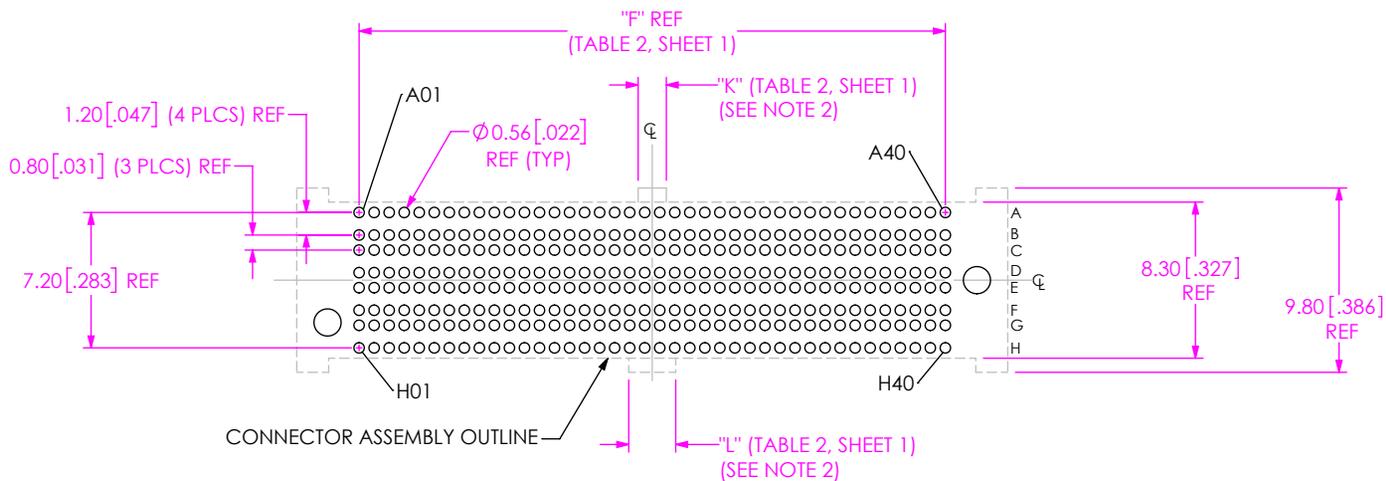
**M** FIG 4  
SEAF8-40-05.0-XXX-06-1-K-XX & SEAF8-40-05.0-XXX-06-3-K-XX  
FOOTPRINTS SHOWN

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

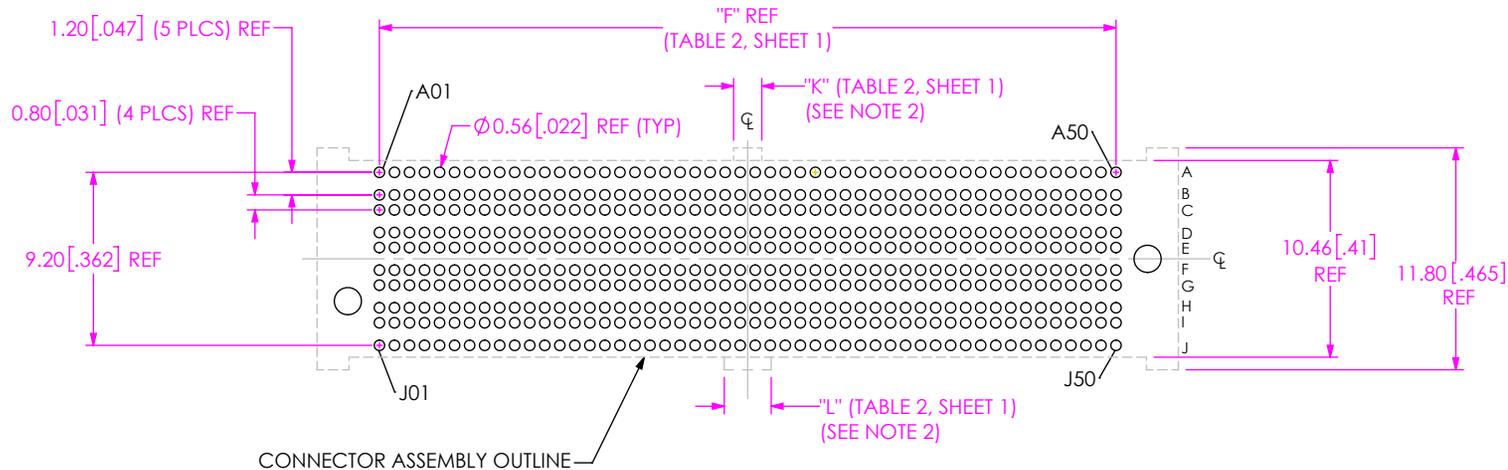
**samtec**

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





**M** FIG 5  
SEAF8-40-05.0-XXX-08-1-K-XX & SEAF8-40-05.0-XXX-08-3-K-XX  
FOOTPRINTS SHOWN  
(SEE NOTE 3)

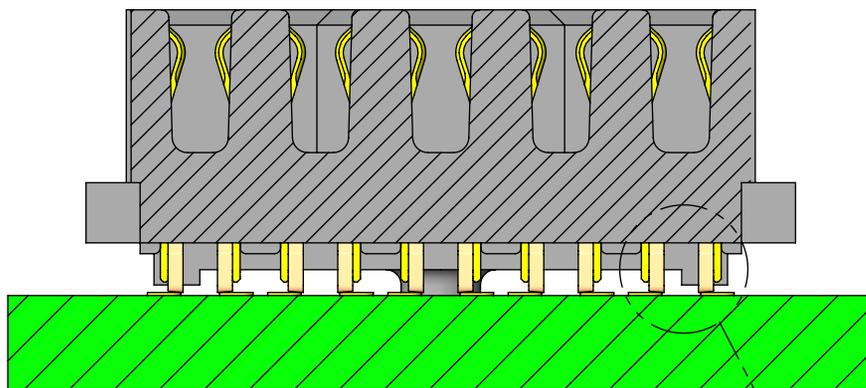


**M** FIG 6  
SEAF8-50-05.0-XXX-10-1-K-XX & SEAF8-50-05.0-XXX-10-3-K-XX  
FOOTPRINTS SHOWN  
(SEE NOTE 3)

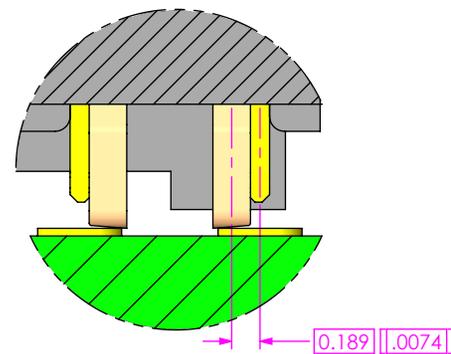
**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

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





BEFORE SOLDER VIEW  
 (SEAF8-40-05.0-XXX-XX-1-K-XX & SEAF8-40-05.0-XXX-XX-3-K-XX SHOWN)



DETAIL 'D'  
 SCALE 20 : 1

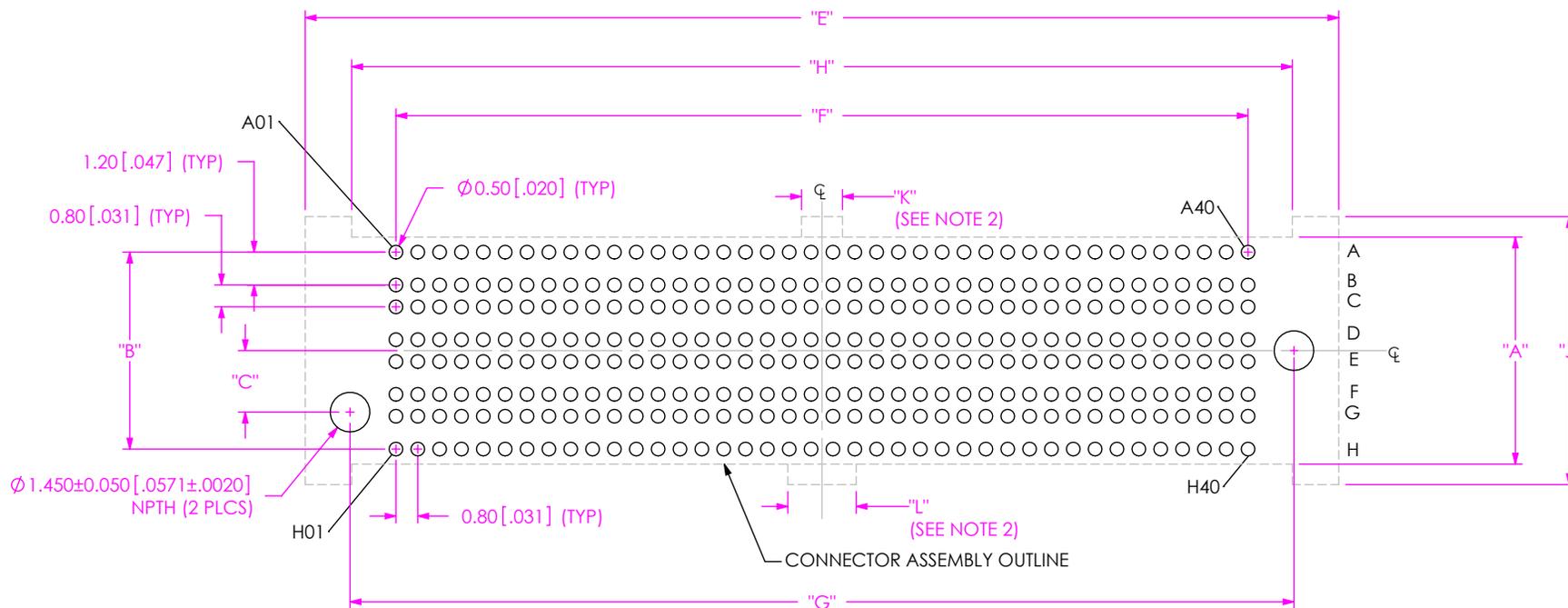
**PROPRIETARY NOTE**  
 THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.



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



DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]



**M** FIG 7  
SEAF8-40-05.0-XXX-XX-2-K-XX FOOTPRINT SHOWN

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.



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 0.127 [.0050] THICK.

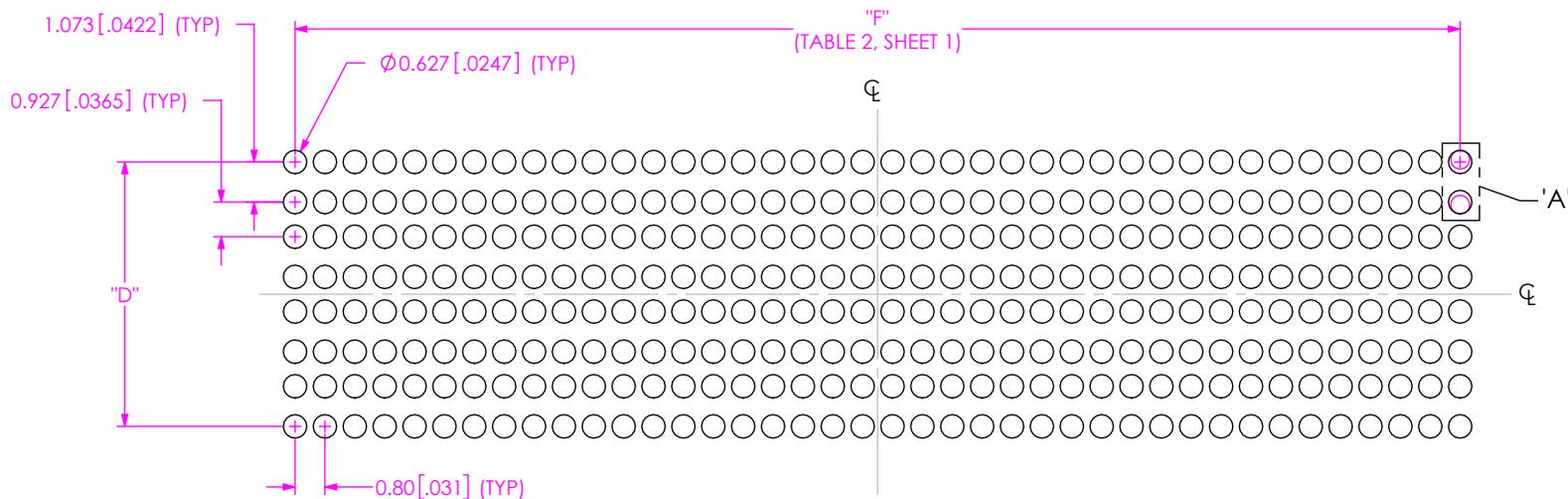
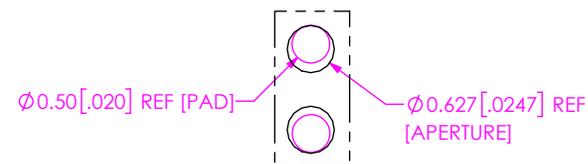


FIG 8 SEAF8-40-05.0-XXX-XX-2-K-XX STENCIL SHOWN  
ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

APERTURES TO BE OFFSET AS SHOWN



DETAIL 'A'  
SCALE 10:1

TABLE 4

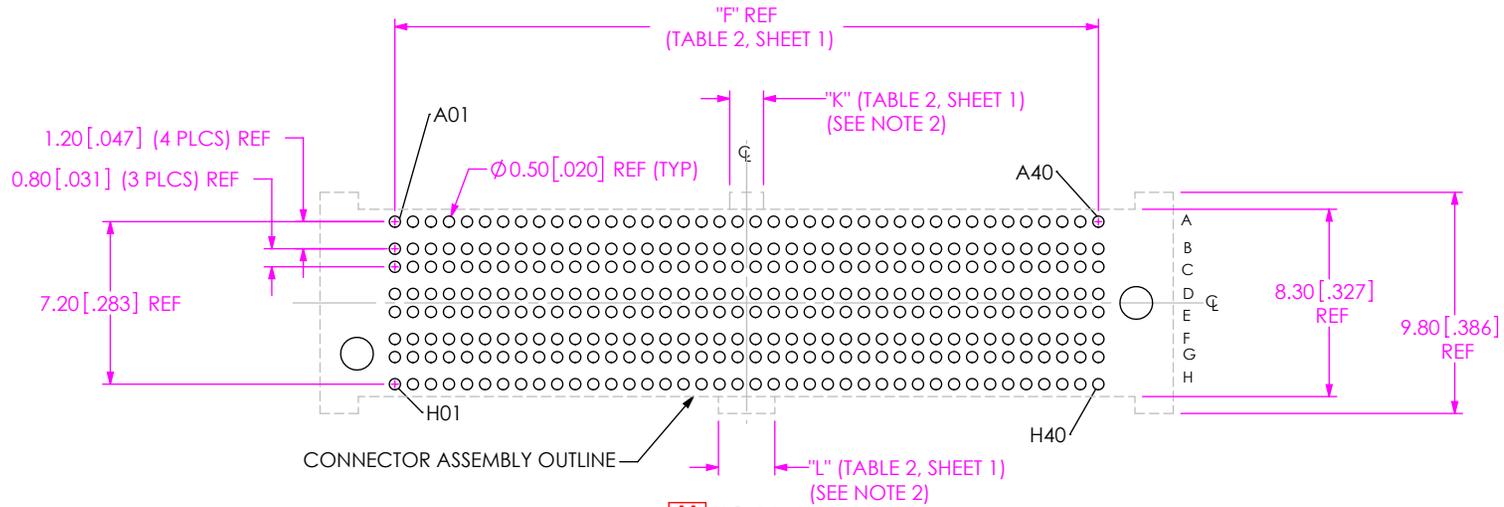
No. OF ROWS	"D"
-04	3.073 [0.1210]
-06	5.073 [0.1997]
-08	7.073 [0.2785]
-10	9.073 [0.3572]

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

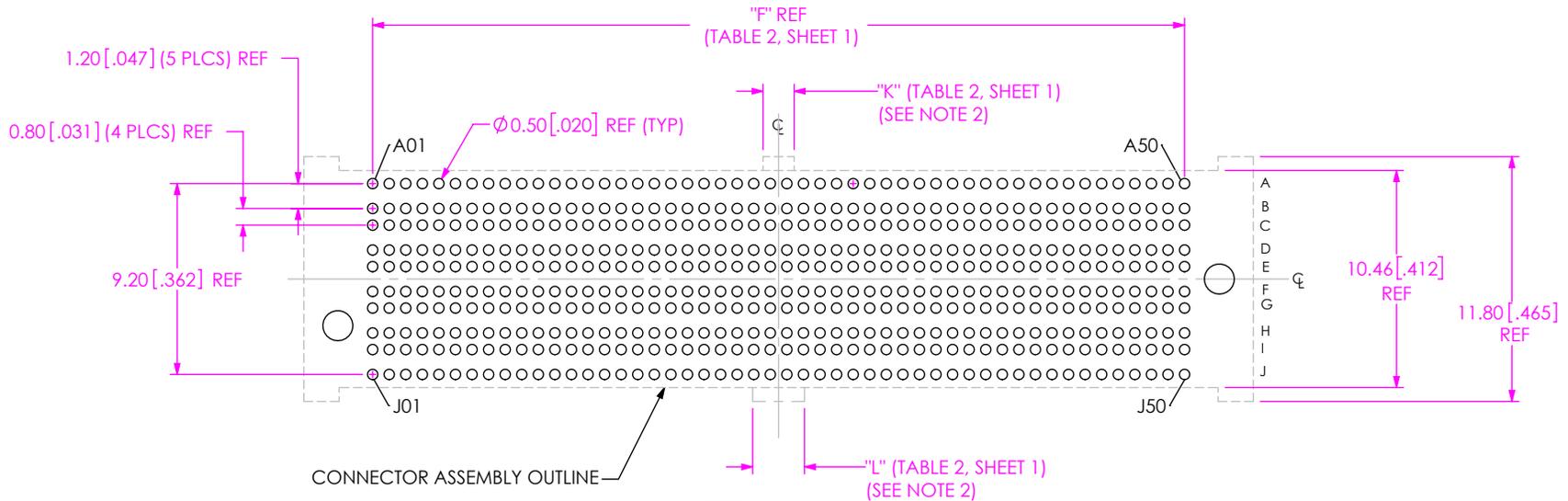
**samtec**

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





**M** FIG 11  
SEAF8-40-05.0-XXX-08-2-K-XX FOOTPRINT SHOWN  
(SEE NOTE 3)



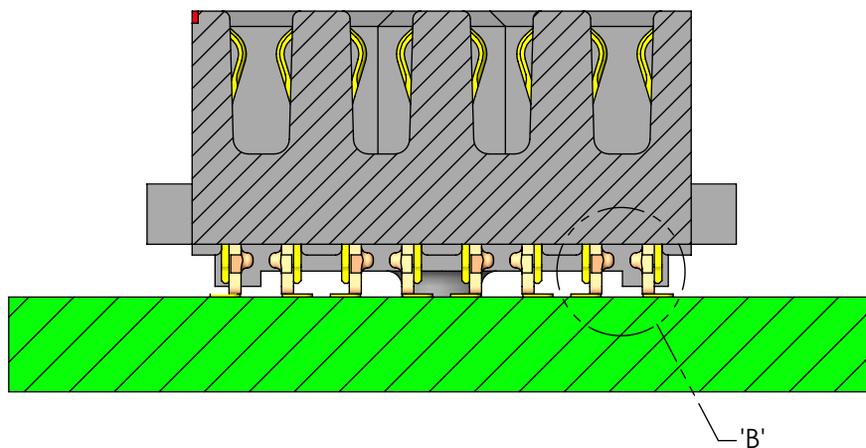
**M** FIG 12  
SEAF8-50-05.0-XXX-10-2-K-XX FOOTPRINT SHOWN  
(SEE NOTE 3)

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

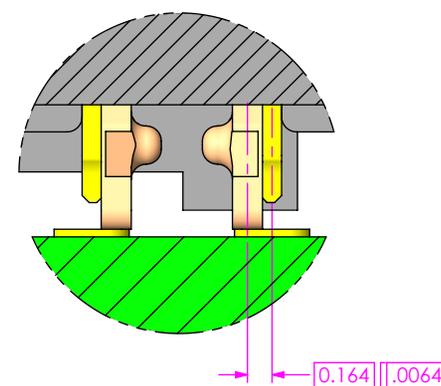
**samtec**

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





BEFORE SOLDER VIEW  
(SEAF8-XX-05.0-XXX-XX-2-K-XX SHOWN)



DETAIL 'B'  
SCALE 20 : 1

**PROPRIETARY NOTE**  
 THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.



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

