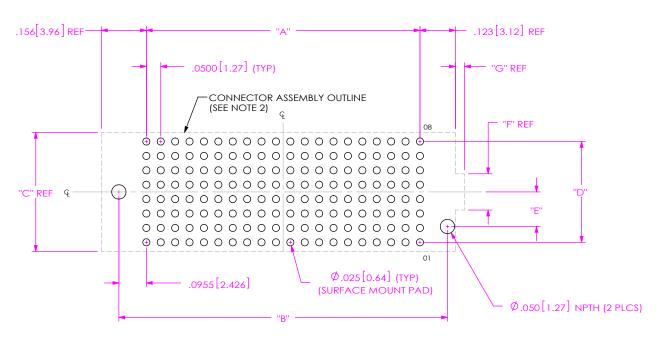
REVISION U

RECOMMENDED PCB LAYOUT FOR SEAF-XX-XX.X-XX-XX-A-XX

8/16/2016 ECN-282391

DO NOT SCALE FROM THIS PRINT



<u>FIG_1</u> FOOTPRINT FOR SEAF-20-XX.X-XX-08-X-A SHOWN

TABLE 1				
No. OF POS	"A"	"B"		
-10	.450 [11.43]	.641 [16.28]		
-15	.700 [17.78]	.891 [22.63]		
-19	.900 [22.86]	1.091 [27.71]		
-20	.950 [24.13]	1.141 [28.98]		
-25	1.200 [30.48]	1.391 [35.33]		
-30	1.450 [36.83]	1.641 [41.68]		
-40	1.950 [49.53]	2.141 [54.38]		
-50	2.450 [62.23]	2.641 [67.08]		

U TABLE 2					
ROW	"C"	"D"	"E"	"F"	"G"
-04	.223 [5.66]	.150 [3.81]	.079 [2.01]	.126 [3.20]	.053 [1.35]
-05	.323 [8.20]	.200 [5.08]	.120 [3.05]	.224 [5.69]	.033 [0.84]
-06	.323 [8.20]	.250 [6.35]	.120 [3.05]	.224 [5.69]	.033 [0.84]
-08	.423 [10.74]	.350 [8.89]	.120 [3.05]	.126 [3.20]	.033 [0.84]
-10	.523 [13.28]	.450 [11.43]	.120 [3.05]	.224 [5.69]	.033 [0.84]
-14	.723 [18.36]	.650 [16.51]	.120 [3.05]	.224 [5.69]	.033 [0.84]

NOTES

- 1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
- 2. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
- 3. SEE SUBSEQUENT SHEETS FOR STENCIL REQUIREMENTS.

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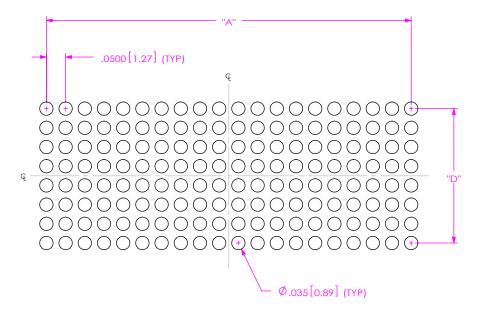
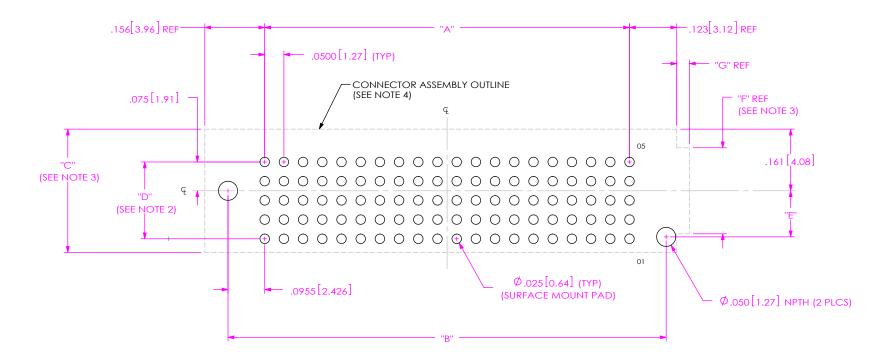


FIG 2

STENCIL FOR SEAF-20-XX.X-XX-08-X-A SHOWN
(ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.)

OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS



FOOTPRINT FOR SEAF-20-XX.X-XX-05-X-A SHOWN

NOTES:

- 1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE VERTICAL CENTERLINE ONLY.
- 2. PADS ARE NOT SYMMETRIC ABOUT HORIZONTAL CENTERLINE.
- 3. CONNECTOR OUTLINE IS SYMMETRIC ABOUT CENTERLINE.
- 4. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS PLACED ON THE PCB SHALL AVOID THIS ZONE.

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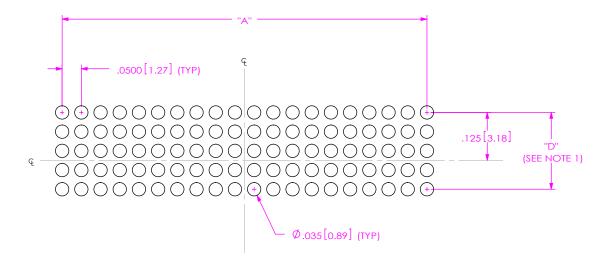


FIG 4

STENCIL FOR SEAF-20-XX.X-XX-05-X-A SHOWN
(ALL DIMENSIONS ARE SYMMETRIC ABOUT THE VERTICAL CENTERLINE ONLY.)

NOTES:
1. PADS ARE NOT SYMMETRIC ABOUT HORIZONTAL CENTERLINE.

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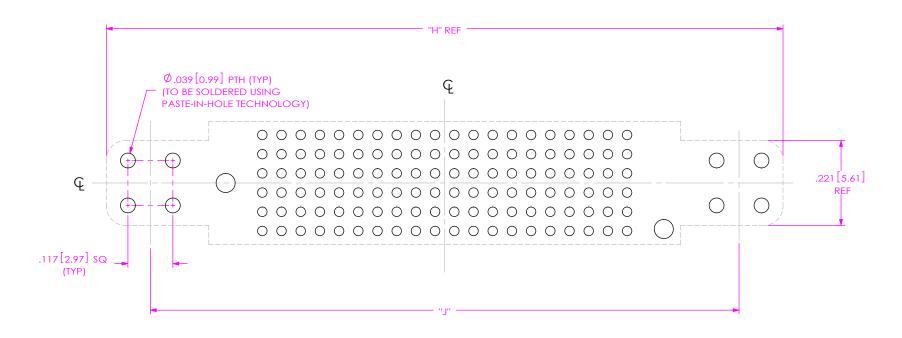


FIG 5

-LP & -PP OPTION

FOOTPRINT FOR SEAF-20-XX,X-XX-06-X-A-LP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 3				
No. OF POS	"H"	"J"		
-10	1.262 [32.05]	1.033 [26.24]		
-15	1.512 [38.40]	1.283 [32.59]		
-19	1.712 [43.48]	1.483 [37.67]		
-20	1.762 [44.75]	1.533 [38.94]		
-25	2.012 [51.10]	1.783 [45.29]		
-30	2.262 [57.45]	2.033 [51.64]		
-40	2.762 [70.15]	2.533 [64.34]		
-50	3.262 [82.85]	3.033 [77.04]		

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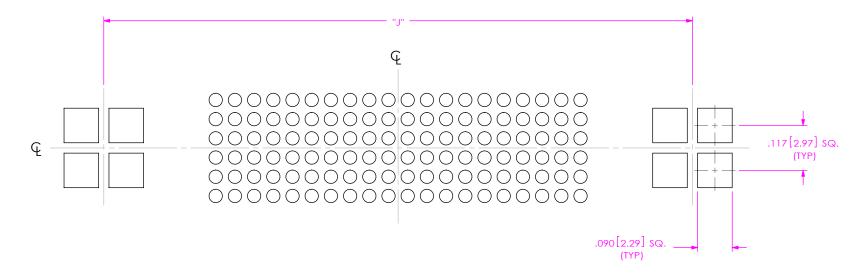


FIG 6

-LP & -PP OPTION

STENCIL FOR SEAF-20-XX.X-XX-06-X-A-LP SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)

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RECOMMENDED PCB LAYOUT FOR SEAF-XX-XX.X-XX-XX-XX-XX

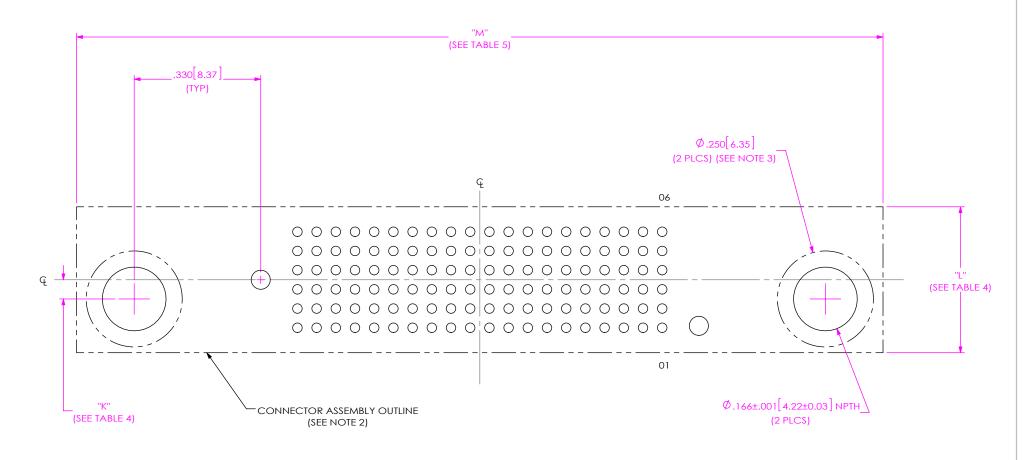


FIG. Z

-GPK OPTION

FOOTPRINT FOR SEAF-20-XX.X-XX-06-X-A-GPK SHOWN
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(NOT AVAILABLE WITH -LP & -PP OPTIONS)
(STENCIL SAME AS FIG. 2)

TABLE 4				
No. OF ROW	"K"	"L"		
-04	.000 [0.00]	.280 [7.11]		
-05	.050 [1.27]	.380 [9.65]		
-06	.050 [1.27]	.380 [9.65]		
-08	.100 [2.54]	.480 [12.19]		
-10	.150 [3.81]	.580 [14.73]		
-14	.250 [6.35]	.780 [19.81]		

TABLE 5		
No. OF POS	"M"	
-20	2.100 [53.34]	
-30	2.600 [66.04]	
-40	3.100 [78.74]	
-50	3.600 [91.44]	

NOTES:

- 1. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
- 2. CONNECTOR ENVELOPE DIMENSIONS, OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
- 3. METRIC SCREW ENVELOPE ON BOTTOM SIDE OF PCB, OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.

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