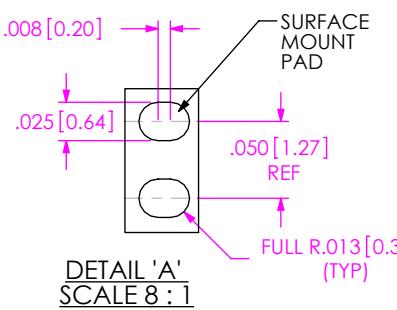


TABLE 3

No. OF ROWS PER POS.	"B"	"C"	"G"	"J"	"M"
-04	0.485 [12.32]	0.205 [5.21]	2	0.100 [2.54]	0.050 [1.27]
-06	0.602 [15.29]	0.305 [7.75]	4	0.200 [5.08]	0.080 [2.03]
-08	0.702 [17.83]	0.405 [10.29]	6	0.300 [7.62]	0.080 [2.03]
-10	0.802 [20.37]	0.505 [12.83]	8	0.400 [10.16]	0.080 [2.03]



## NOTES:

1. TO BE SOLDERED USING PASTE IN HOLE TECHNOLOGY.
2. FOR 8 & 10 ROW PARTS, THE USE OF A PROCESSING FIXTURE IS REQUIRED. REFERENCE THE ASSEMBLY PRINT AND WWW.SAMTEC.COM/SEARAYFIXTURE FOR THE APPROPRIATE FIXTURE PART NUMBER AND ADDITIONAL FIXTURE INFORMATION.
3. THESE DIMENSIONS ARE NOT SYMMETRIC ABOUT THE CENTERLINE.
4. A 20-30°C TEMPERATURE DIFFERENCE MAY EXIST BETWEEN THIS HIGH-DENSITY COMPONENT AND THE BOARD SURFACE DURING REFLOW. SAMTEC RECOMMENDS A THERMAL STUDY BE PERFORMED TO UNDERSTAND THE TEMPERATURE GRADIENTS YOU MAY EXPERIENCE.
5. FOR APPLICATIONS REQUIRING INVERTED REFLOW SOLDERING, USE OF AN EPOXY ADHESIVE IS RECOMMENDED.

FIG 1  
SEAM-20-01-S-06-X-RA SHOWN  
(ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE EXCEPT "A" DIMENSION)

TABLE 2						
No. OF POS.	"A"	"D"	"E"	"F"	"L"	"H"
-20	0.950 [24.13]	19	1.210 [30.73]	1.290 [32.77]	1.310 [33.27]	1.440 [36.58]
-30	1.450 [36.83]	29	1.710 [43.43]	1.790 [45.47]	1.810 [45.97]	1.940 [49.28]
-40	1.950 [49.53]	39	2.210 [56.13]	2.290 [58.17]	2.310 [58.67]	2.440 [61.98]
-50	2.450 [62.23]	49	2.710 [68.83]	2.790 [70.87]	2.810 [71.37]	2.940 [74.68]

STYLE	No. OF POS. PER ROW	"P"
WITH - GP OPTION	-20	1.770 [44.96]
	-30	2.270 [57.66]
	-40	2.770 [70.36]
	-50	3.270 [83.06]
	-20	N/A
WITHOUT - GP OPTION	-30	
	-40	
	-50	

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NOTE:  
STENCIL TO BE .0060[0.152] THICK.

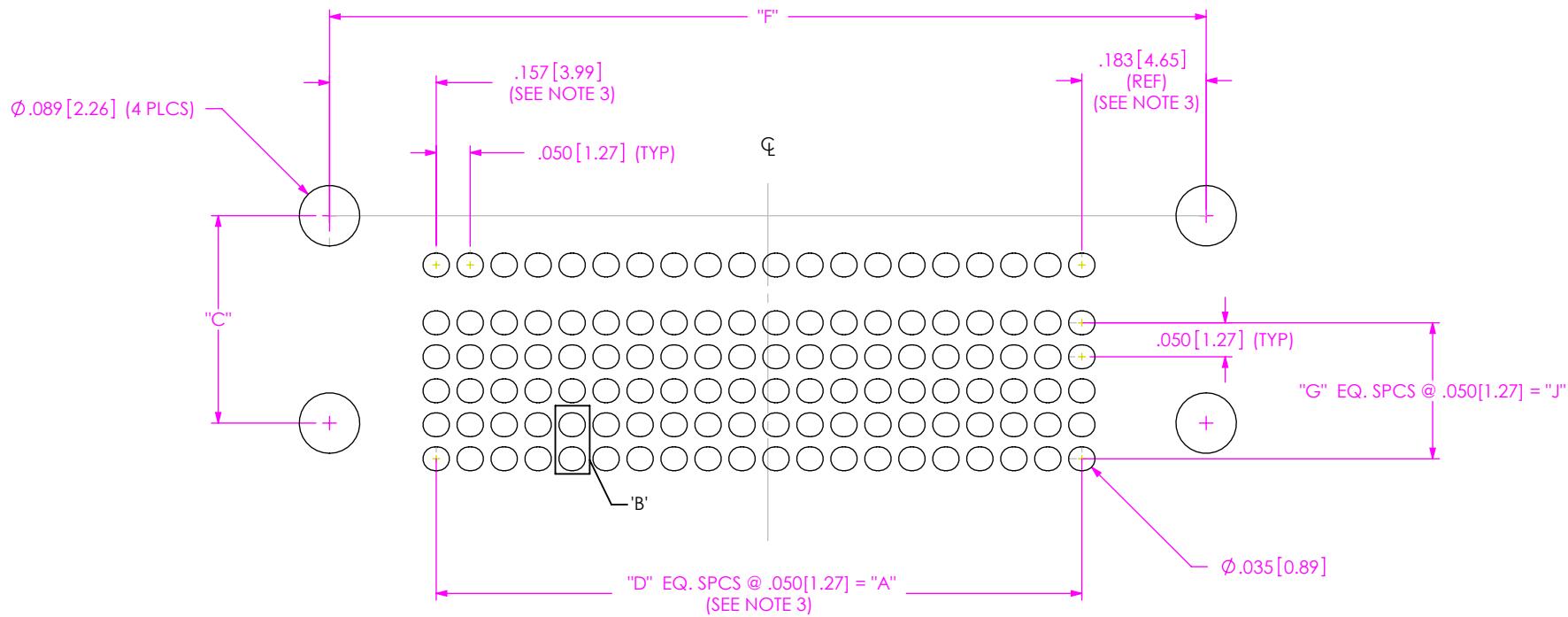
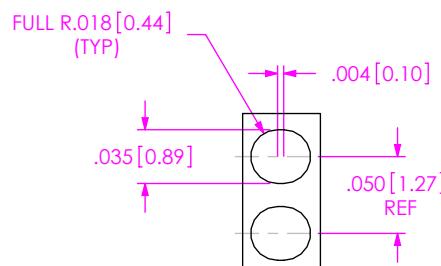


FIG 2  
(SEAM-20-01-S-06-RA-GP SHOWN)  
(ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE)



DETAIL 'B'  
SCALE 8 : 1

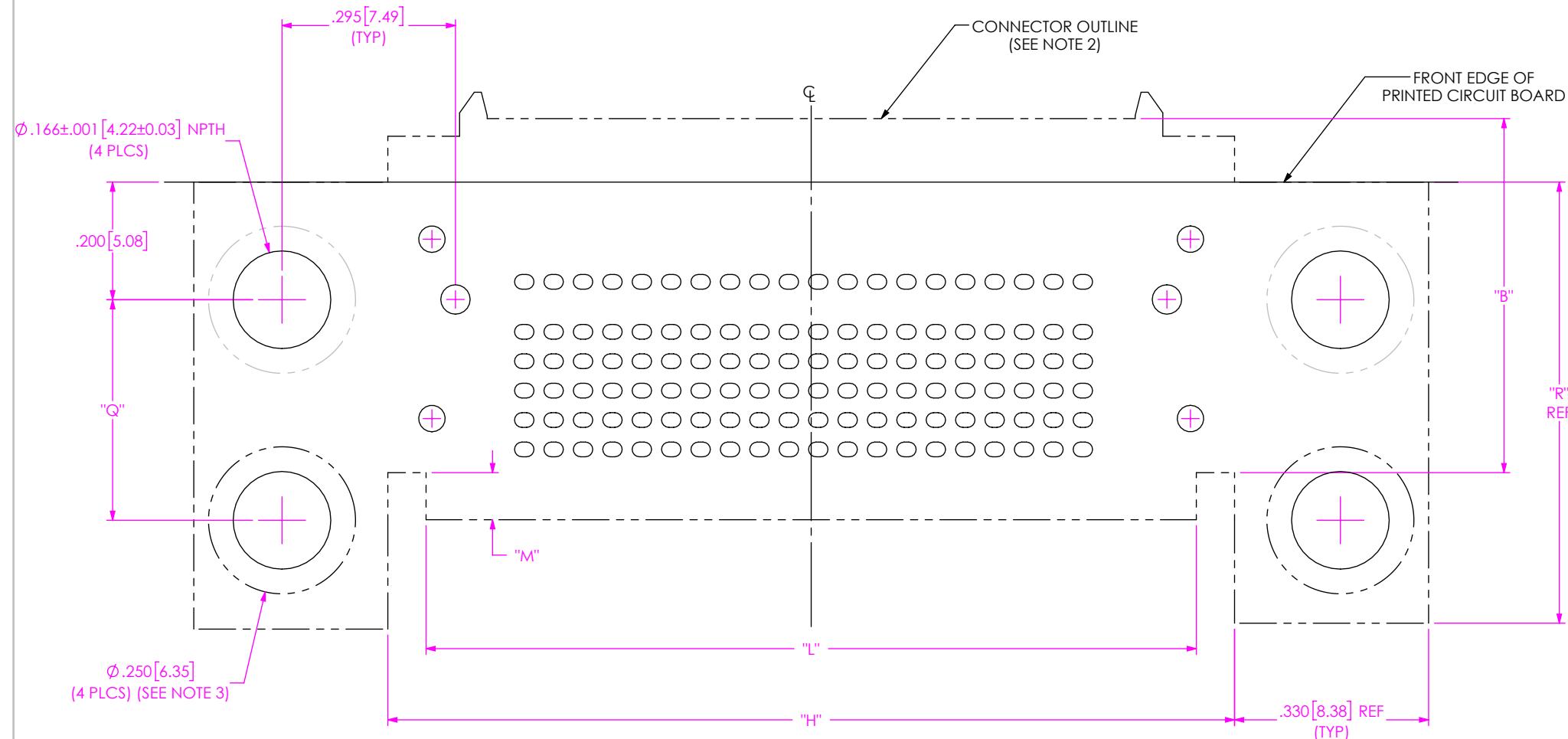


TABLE 4		
	"Q"	"R"
GPK-01	.375 [9.53]	.750 [19.05]
GPK-02	.800 [20.32]	1.200 [30.48]

FIG 3  
GPK-XX OPTION  
SEAM-20-01-S-06-X-RA GPK-XX SHOWN  
(SAME AS FIG 1 UNLESS OTHERWISE STATED)  
(NOT AVAILABLE WITH -GP OPTION)  
(STENCIL LAYOUT SAME AS STANDARD)

## NOTES:

1. DIMENSIONS ARE SYMMETRICAL ABOUT THE CENTER LINE UNLESS NOTED (SEE SHT 1).
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.