### REVISION E RECOMMENDED PCB LAYOUT FOR SIB-1XX-XX-XX-S-XX-XX 4/22/2015 ECN-249600 (NO OF POS - 1) x .100 [2.54] .014[0.36] THEORETICAL PADS .161 4.09 REF .070[1.778] -SHIFTED TO LEFT .030 [0.762] .189 4.80 01 02 .150 3.81 .181 4.59

THEORETICAL POINTS OF CONTACT

WITH MATING BOARD

.036[0.91]

FIG 1 SIB-110-02-XX-S-LC SHOWN

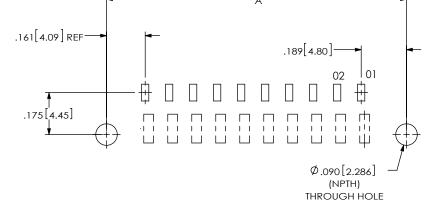
(NO OF POS - 2) x .100 [2.54] →

(NPTH) (-LC OPTION ONLY)

Ø.047[1.19] (2 PLCS)

.120[3.05] REF

.040 1.02 REF



 $\frac{\text{FIG 2}}{\text{-E \& -M OPTIONS FOR POSITIONS -05, -10, -15}}$ (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

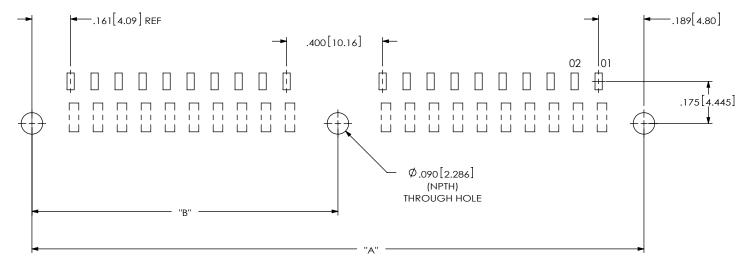


TABLE 1: THREADED INSERT OPTION			
POS	"A"	"B"	
-05	.750[19.05]	N/A	
-10	1.250[31.75]	N/A	
-15	1.750[44.45]	N/A	
-20	2.550[64.77]	1.275[32.39]	
-25	3.050[77.47]	1.475[37.47]	

ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

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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 .0060[.152] THICK.

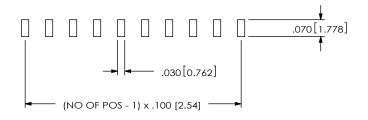


FIG 4
SIB-110-02-XX-S-XX-XX SHOWN
ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

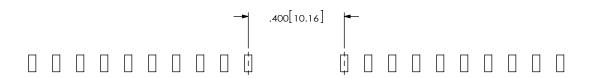


FIG. 5 -E & -M OPTIONS FOR POSITIONS -20, -25 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 4)

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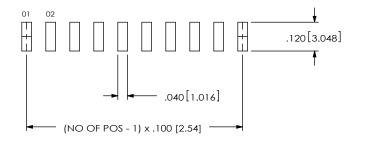


## REVISION E

# RECOMMENDED MATING CARD LAYOUT FOR SIB-1XX-XX-XX-S-XX-XX

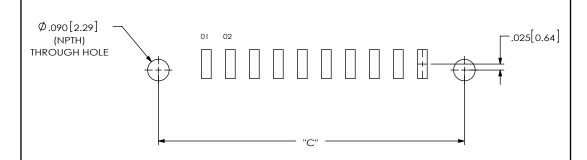
NOTE:

- 1. PLATING TO BE .000030 INCHES GOLD WITH HARDNESS OF 130-200 KNOOP PER ASTM B488 TYPE 2, GRADE C.
- 2. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.



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FIG 6 LOCKING CLIP & NON-LOCKING CLIP



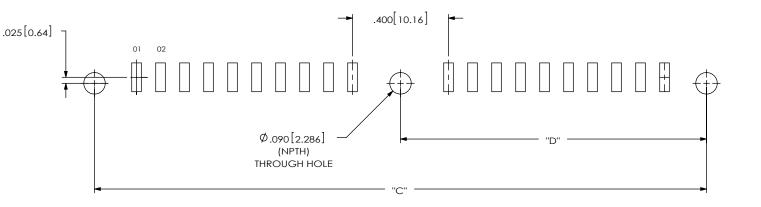


TABLE 2: THREADED INSERT OPTION			
POS	"C"	"D"	
-05	.750[19.05]	N/A	
-10	1.250[31.75]	N/A	
-15	1.750[44.45]	N/A	
-20	2.550[64.77]	1.275[32.39]	
-25	3.050[77.47]	1.475[37.47]	

-E & -M OPTIONS FOR POSITIONS -20, -25 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 6)

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