RECOMMENDED PCB LAYOUT FOR SIB REVISION C D DECKER **FIG. 1** SCALE= 2.5 : 1.0 SIB-110-02-X-S or SIB-110-02-X-S-LC (# OF POSITIONS-1) x .100 .014 0.356 THEORETICAL PADS SHIFTED TO LEFT .030 0.762 .070 1.778 REF .150[3.8] [4.59] .120[3.048] REF THEORETICAL POINTS OF CONTACT Ø.047[1.19] (2 PLCS) WITH MATING BOARD [LOCKING CLIP- NPTH] .040[1.016] REF → .036[0.91] (# OF POSITIONS - 2) x .100 —

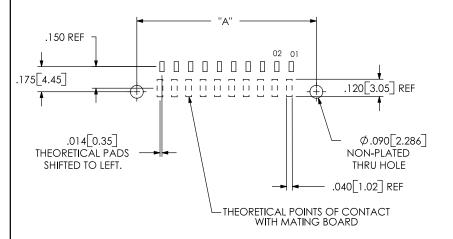
| TABLE 1: THREADED INSERT OPTION | | | |
|---------------------------------|--------------|--------------|--|
| POS | "A" | "B" | |
| -05 | .750[19.05] | N/A | |
| -10 | 1.250[31.75] | N/A | |
| -15 | 1.750[44.45] | N/A | |
| -20 | 2.550[64.77] | 1.275[32.39] | |
| -25 | 3.050[77.47] | 1.475[37.47]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

ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

<u>FIG. 2</u>

SCALE= 1.5:1.0

-E & -M OPTIONS FOR POSITIONS -05, -10, -15 (SAME AS FIGURE 1 UNLESS OTHERWISE STATED)

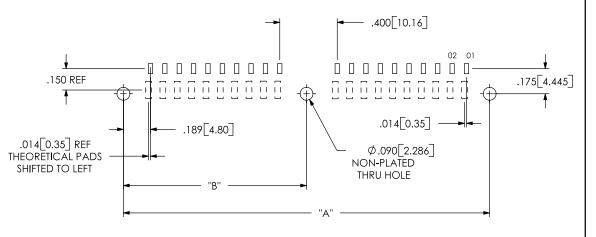


(SolidWorks

FIG. 3

SCALE= 1.5:1.0

-E & -M OPTIONS FOR POSITIONS -20, -25 (SAME AS FIGURE 1 UNLESS OTHERWISE STATED)



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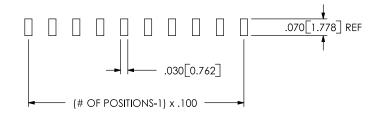
REVISION C

RECOMMENDED STENCIL LAYOUT FOR SIB

NOTE: STENCIL TO BE .0060[.152] THICK.

FIG. 4

SCALE= 2.5: 1.0

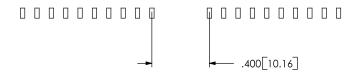


ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

FIG. 5

SCALE= 1.5:1.0

-E & -M OPTIONS FOR POSITIONS -20, -25 (SAME AS FIGURE 1 UNLESS OTHERWISE STATED)





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RECOMMENDED MATING CARD LAYOUT FOR SIB

ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

PLATING TO BE .000030 INCHES GOLD WITH HARDNESS OF 120-200 KNOOP PER ASTM B488 TYPE 2, GRADE C.

С

<u>FIG. 6</u>

SCALE= 2.5: 1.0

LOCKING CLIP & NON-LOCKING CLIP

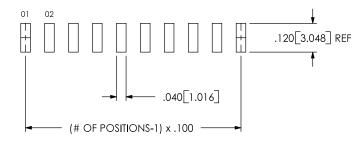


FIG. 7

SCALE= 1.5:1.0

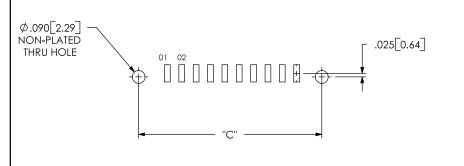
-E & -M OPTIONS FOR POSITIONS -05, -10, -15 (SAME AS FIGURE 1 UNLESS OTHERWISE STATED)

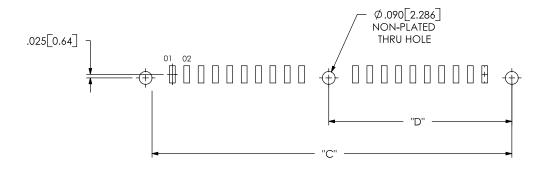
| TABLE 1: THREADED INSERT OPTION | | | |
|---------------------------------|--------------|--------------|--|
| POS | "C" | "D" | |
| -05 | .750[19.05] | N/A | |
| -10 | 1.250[31.75] | N/A | |
| -15 | 1.750[44.45] | N/A | |
| -20 | 2.550[64.77] | 1.275[32.39] | |
| -25 | 3.050[77.47] | 1.475[37.47]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

FIG. 8

SCALE= 1.5:1.0

-E & -M OPTIONS FOR POSITIONS -20, -25 (SAME AS FIGURE 1 UNLESS OTHERWISE STATED)







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