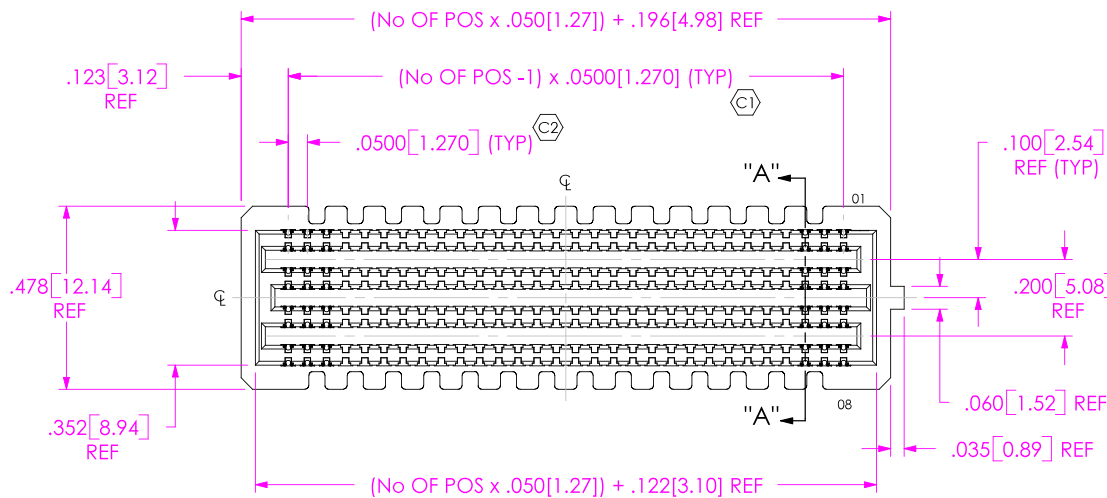


DO NOT SCALE FROM THIS PRINT

FIG. 1  
-8: 8 ROW  
(SEAM-30-02.0-H-8-1 SHOWN)  
(ALL CONTACTS NOT SHOWN FOR CLARITY)



NOT RELEASED FOR PRODUCTION

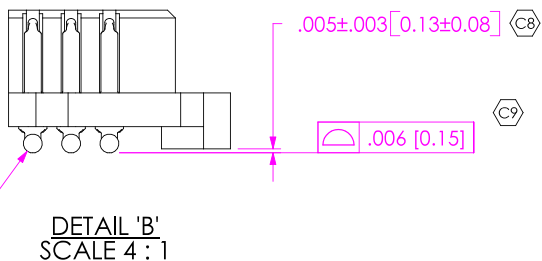
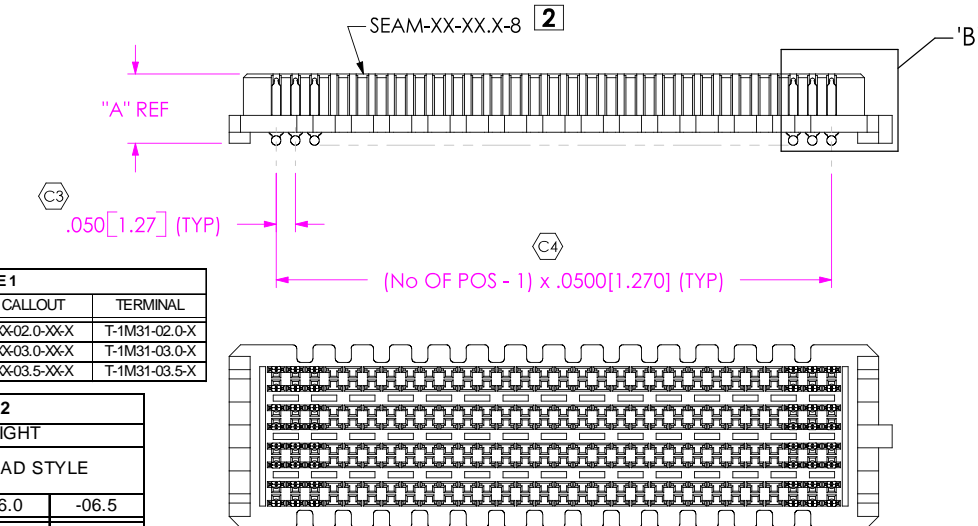
USE FOR QUOTING, PRELIMINARY DESIGN, PROTOTYPING AND INFORMATIONAL PURPOSES ONLY

2

STYLE	"A"	BODY CALLOUT	TERMINAL
-02.0	0.181 [4.60]	SEAM-XX-02.0-XX-X	T-1M31-02.0-X
-03.0	0.220 [5.59]	SEAM-XX-03.0-XX-X	T-1M31-03.0-X
-03.5	0.240 [6.10]	SEAM-XX-03.5-XX-X	T-1M31-03.5-X

2

SEAM LEAD STYLE	STACK HEIGHT		
	-05.0	-06.0	-06.5
-02.0	7mm	8mm	8.5mm
-03.0	8mm	9mm	9.5mm
-03.5	8.5mm	9.5mm	10mm



SEAM-XX-XX.X-X-XX-X-XX

2 No OF POSITIONS  
-20, -30, -40, -50,  
-19 (-6 ROW ONLY)  
(PER ROW)

2 LEAD STYLE  
-02.0  
\*-03.0  
-03.5  
(SEE TABLES 1 & 2)

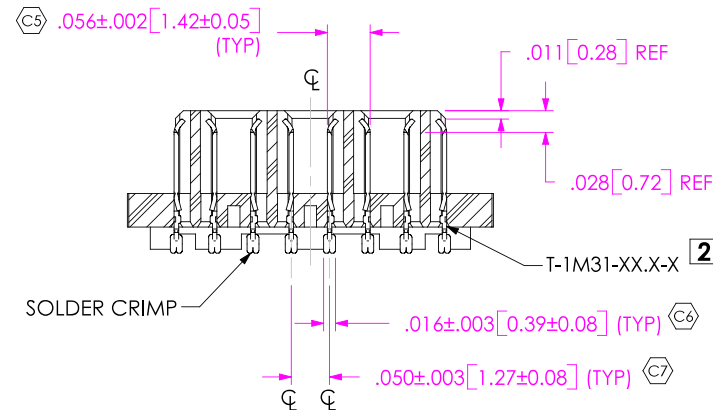
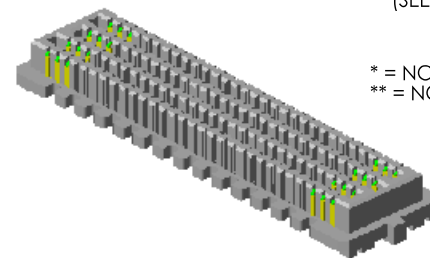
PLATING SPECIFICATION  
-H: HEAVY .000030 GOLD  
IN CONTACT AREA. GOLD  
FLASH ON SOLDER TAIL.

2 OPTION  
\*\*-A: ALIGNMENT PIN  
(SEE FIG. 3, SHT 2 &  
FIG. 5, SHT 3)  
-K: KAPTON PAD  
(USE K-500-300)  
(SEE FIG. 4, SHT 2)  
-TR: TAPE & REEL

SOLDER CRIMP MATERIAL  
-1: 63% TIN / 37% LEAD  
(USE SDW-020-001)  
2 -2: 96.5% TIN / 3% SILVER /  
.5% COPPER  
(USE SDW-020-002)

ROW  
2 -6: 6 ROWS (-19 POS ONLY,  
-06.5 LEAD STYLE ONLY)  
(SEE FIG. 5, SHT 3)  
-8: 8 ROWS (SEE FIG. 1)  
-10: 10 ROWS  
(SEE FIG. 2, SHT 2)

\* = NOT TOOLED  
\*\* = NOT TOOLED FOR -19 POS



SECTION "A"-"A"  
SCALE 4 : 1

- NOTES:
1. C<sub>1</sub> REPRESENTS A CRITICAL DIMENSION.
  2. MINIMUM PUSHOUT FORCE: 1.0 LBS.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: L.C.P., COLOR: BLACK  
CONTACT OR TERMINAL: COPPER ALLOY

SHEET SCALE: 2:1



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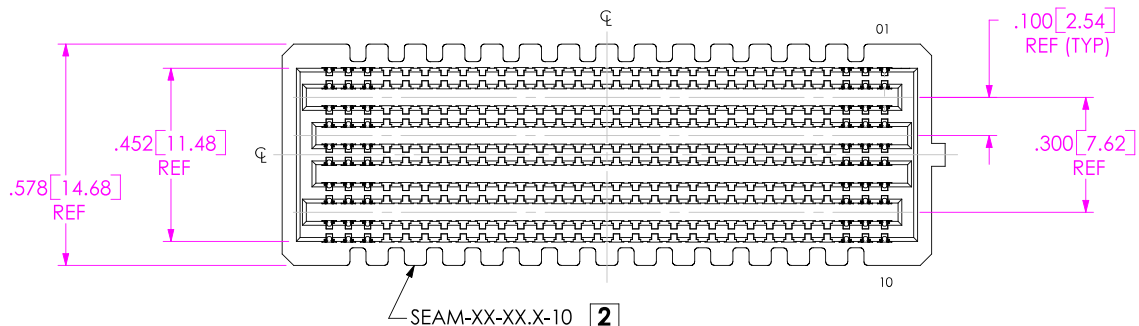
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812.944.6733 FAX: 812.948.5047  
e-Mail: [INFO@SAMTEC.COM](mailto:INFO@SAMTEC.COM) CODE: 55322

DESCRIPTION:  
.050 PITCH TERMINAL ARRAY ASSEMBLY  
DWG. NO.

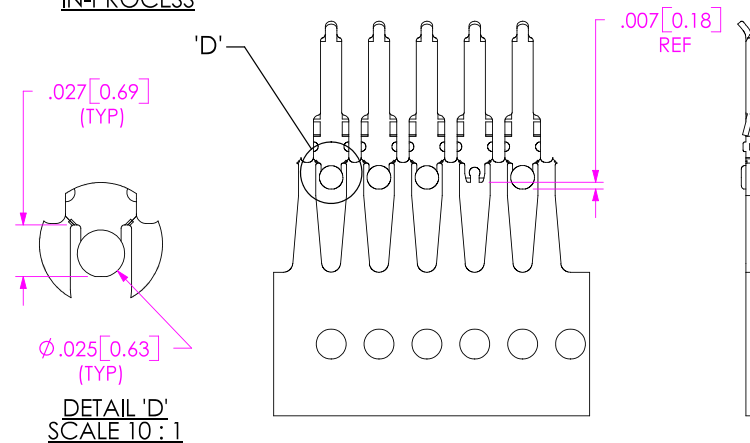
SEAM-XX-XX.X-X-XX-X-XX

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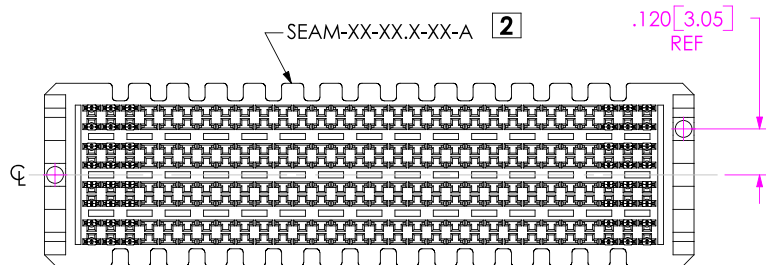
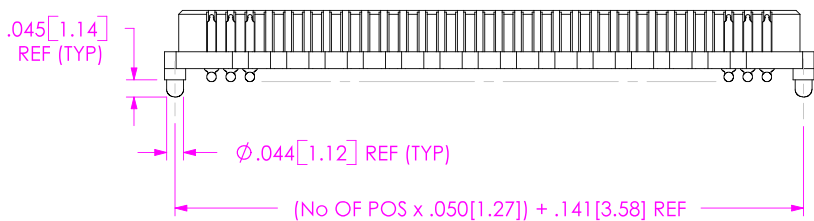
**FIG. 2**  
 -10: 10 ROW  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAM-30-02.0-H-10-1 SHOWN)  
 (ALL TERMINALS NOT SHOWN FOR CLARITY)



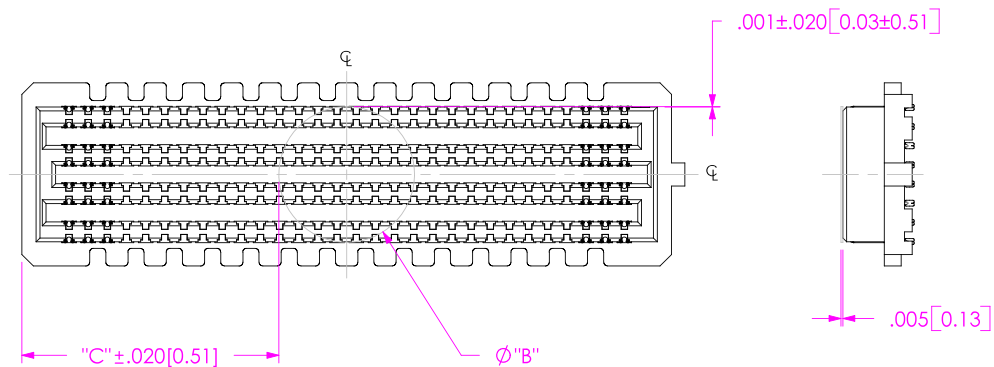
**IN-PROCESS**



**FIG. 3**  
 -A: ALIGNMENT PINS OPTION  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAM-30-02.0-H-8-1-A SHOWN)  
 (ALL CONTACTS NOT SHOWN FOR CLARITY)



**FIG. 4**  
 -K: KAPTON PAD OPTION  
 (SEAM-30-02.0-H-8-1-K SHOWN)  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (ALL CONTACTS NOT SHOWN FOR CLARITY)



**TABLE 3**

ROW	"B"	"C"
-8	0.345 [8.75]	(((No OF POS x .050[1.27]) + .196[4.98]) - "B" ) / 2
-10	0.443 [11.25]	

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SHEET SCALE: 2:1

**SAMTEC**

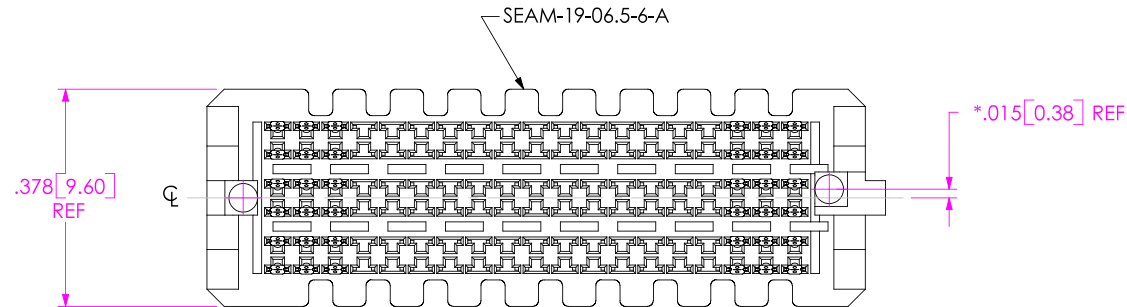
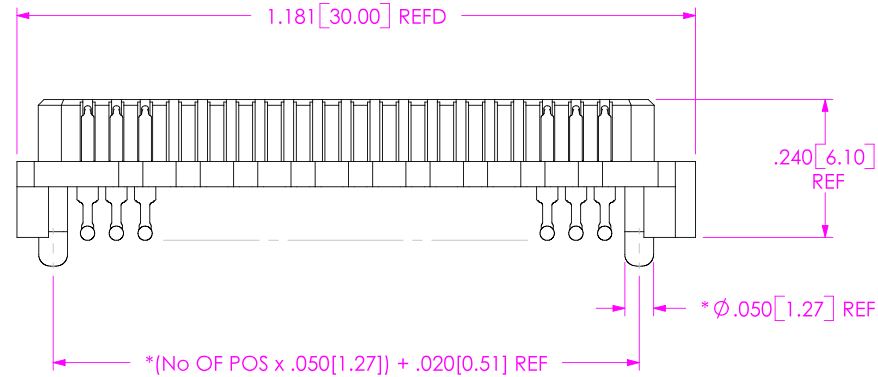
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**2** FIG. 5  
 -6: 6 ROW OPTION  
 (SAME AS FIGS 1 & 4. EXCEPT AS SHOWN)  
 (SEAM-30-03.5-H-6-1-A SHOWN)  
 (ALL CONTACTS NOT SHOWN FOR CLARITY)  
 \* = FOR -A OPTION ONLY



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