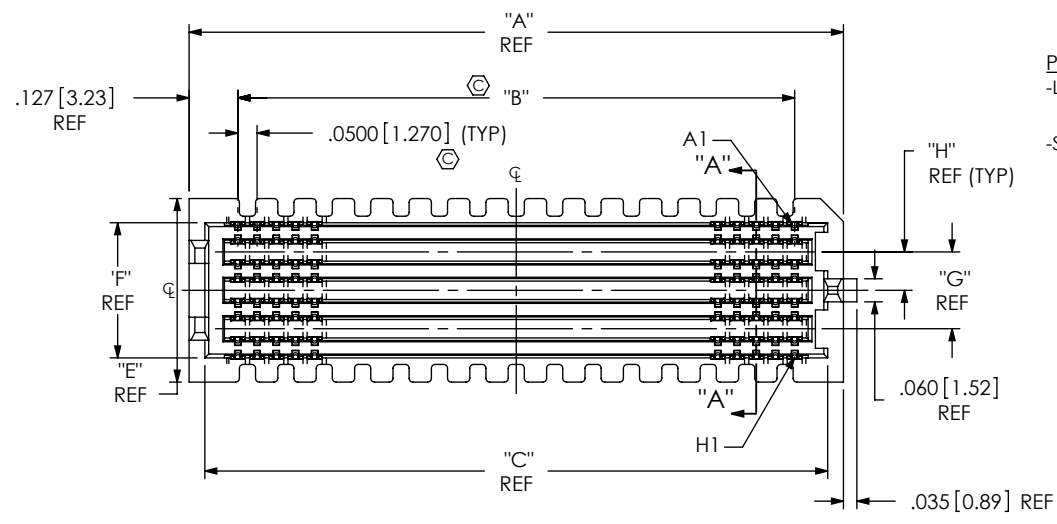


DO NOT SCALE FROM THIS PRINT

FIG. 1  
-08: 8 ROW  
(SEAMP-30-02.0-X-08-XX SHOWN)  
(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



SEAMP-XX-XX.X-X-XX-XX

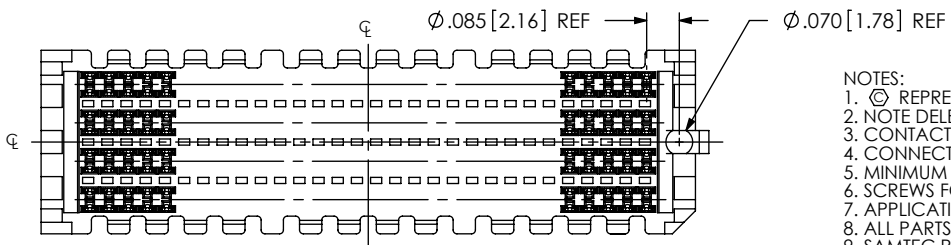
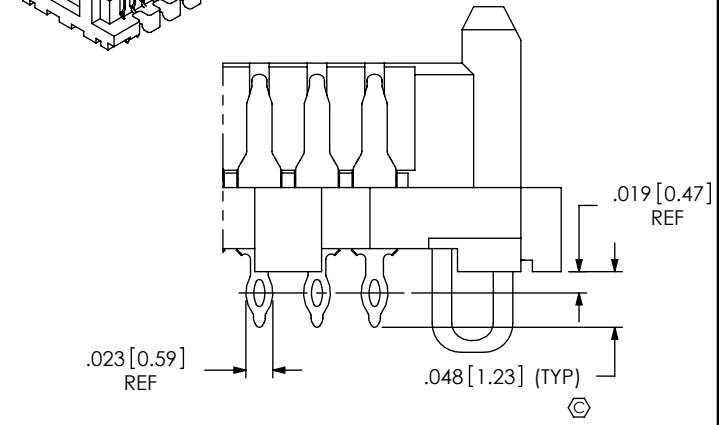
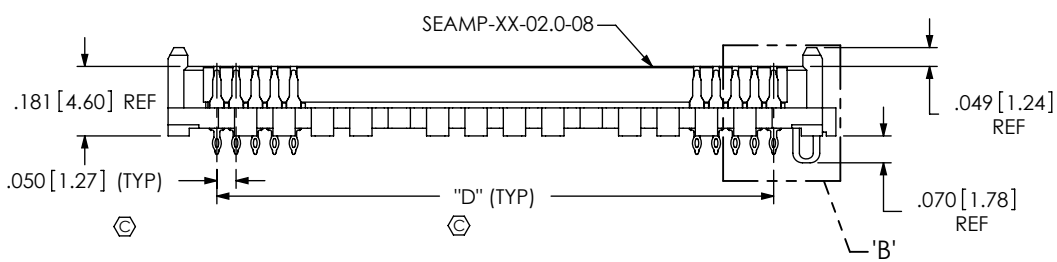
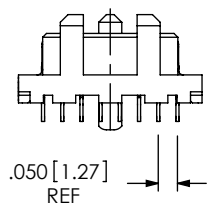
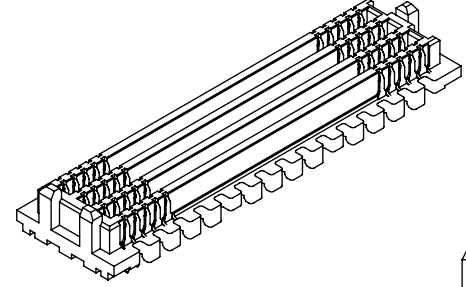
No OF POSITIONS  
-10, -20, -30, -40, -50 (PER ROW)

LEAD STYLE  
-02.0

PLATING SPECIFICATIONS  
-L: 10μ" LIGHT GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1M73-01-L)  
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1M73-01-S)

OPTION  
-GP: GUIDE POST WITH SCREWS FOR .062 [1.57] - .125 [3.18] BOARD (SEE FIG 5, SHT 3) (SEE NOTE 6)  
-TR: TAPE AND REEL

ROW  
-04: 4 ROWS (SEE FIG. 2, SHT 2)  
-06: 6 ROWS (SEE FIG. 3, SHT 2)  
-08: 8 ROWS (SEE FIG. 1)  
-10: 10 ROWS (SEE FIG. 4, SHT 2)



- NOTES:
1. Ⓞ REPRESENTS A CRITICAL DIMENSION.
  2. NOTE DELETED.
  3. CONTACT SAMTEC FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
  4. CONNECTOR BODY COLOR TO BE NATURAL (BEIGE).
  5. MINIMUM PUSHOUT FORCE 0.5 LBS [2.22N] FOR CONTACTS AND GUIDE POSTS.
  6. SCREWS FOR GP OPTION WILL BE BULK PACKAGED AND SHIPPED WITH CONNECTOR.
  7. APPLICATION TOOLING REQUIRED FOR TERMINATIONS, SEE TABLE 7.
  8. ALL PARTS TO BE PACKAGED IN TRAYS EXCEPT -GP OPTION
  9. SAMTEC RECOMMENDS THIS CONNECTOR NOT BE EXPOSED TO REFLOW TEMPERATURES.
- CONTACT SAMTEC INTERCONNECT PROCESSING GROUP FOR MORE INFORMATION.

**TABLE 1**  
STACK HEIGHT

SEAMP LEAD STYLE	SEAF LEAD STYLE		
	-05.0	-06.0	-06.5
-02.0	7mm	8mm	8.5mm

**TABLE 2**

No. OF POS	"A"	"B"	"C"	"D"
-10	.704 [17.88]	.450 [11.43]	.622 [15.80]	.450 [11.43]
-20	1.204 [30.58]	.950 [24.13]	1.122 [28.50]	.950 [24.13]
-30	1.704 [43.28]	1.450 [36.83]	1.622 [41.20]	1.450 [36.83]
-40	2.204 [55.98]	1.950 [49.53]	2.122 [53.90]	1.950 [49.53]
-50	2.704 [68.68]	2.450 [62.23]	2.622 [66.60]	2.450 [62.23]

CPC FREQUENCY THIS SHEET

A	
B	C3, C4, C5
C	
D	
F	C1, C2, C11

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES[MILLIMETERS]. TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: HIGH TEMPERATURE NYLON, COLOR: NATURAL  
TERMINAL: COPPER ALLOY  
GUIDE POST: STAINLESS STEEL  
SCREW: STAINLESS STEEL

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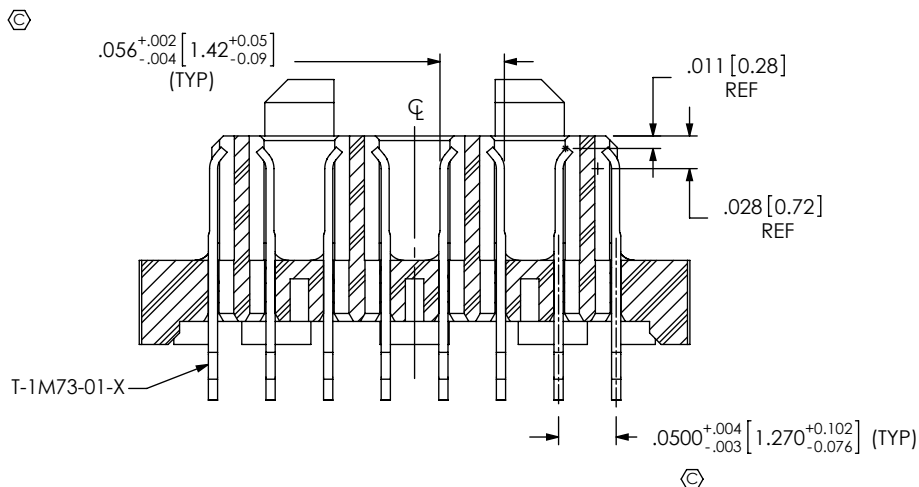
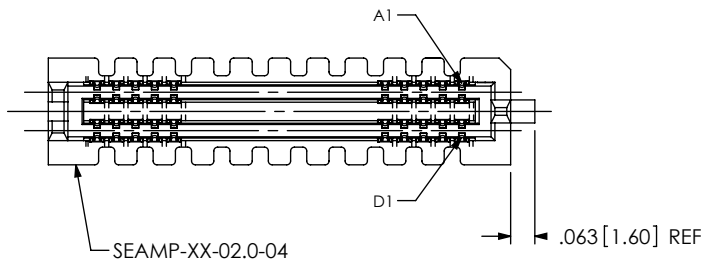
520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS

DWG. NO.  
**SEAMP-XX-XX.X-X-XX-XX**

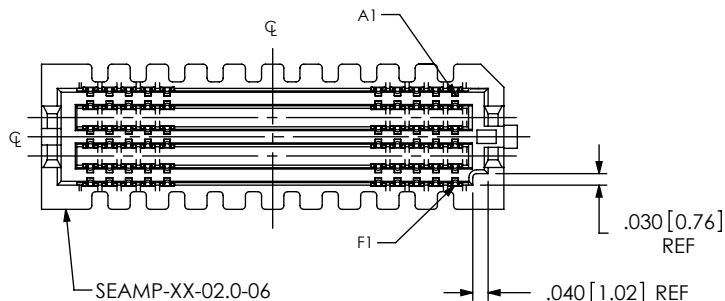
BY: R MUSSER 11/19/2008 SHEET 1 OF 3

**FIG. 2**  
 -04: 4 ROW  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAMP-20-02.0-X-04-XX SHOWN)  
 (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



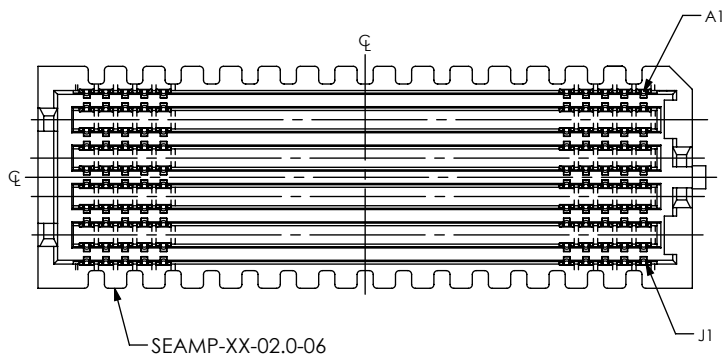
**SECTION "A"-"A"**  
**SCALE 6 : 1**

**FIG. 3**  
 -06: 6 ROWS  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAMP-20-02.0-X-06-XX SHOWN)  
 (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



No. OF ROWS	"E"	"F"	"G"	"H"
-04	.278 [7.06]	.152 [3.86]	.100 [2.54]	.050 [1.27]
-06	.378 [9.60]	.252 [6.40]	.100 [2.54]	.050 [1.27]
-08	.478 [12.14]	.352 [8.94]	.200 [5.08]	.100 [2.54]
-10	.578 [14.68]	.452 [11.48]	.300 [7.62]	.150 [3.81]

**FIG. 4**  
 -10: 10 ROW  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAMP-30-02.0-X-10-XX SHOWN)  
 (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



ROW	PACKAGING TUBE	PLUG
-04	PT-SEAMP004-4	TP-03
-06	PT-SEAMP003-6	TP-07
-08	PT-SEAMP002-8	TP-07
-10	PT-SEAMP001-10	TP-28

(USED FOR -GP OPTION ONLY)

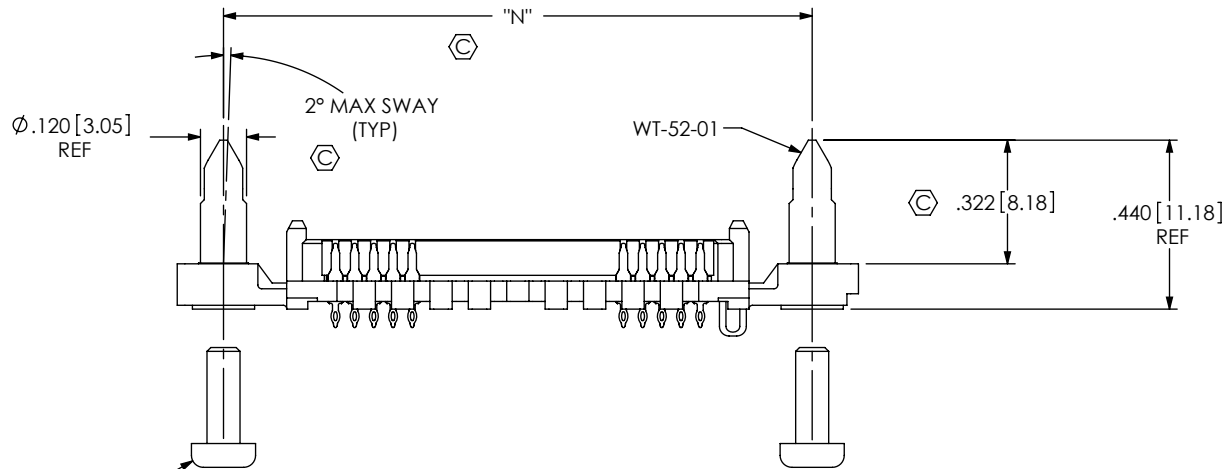
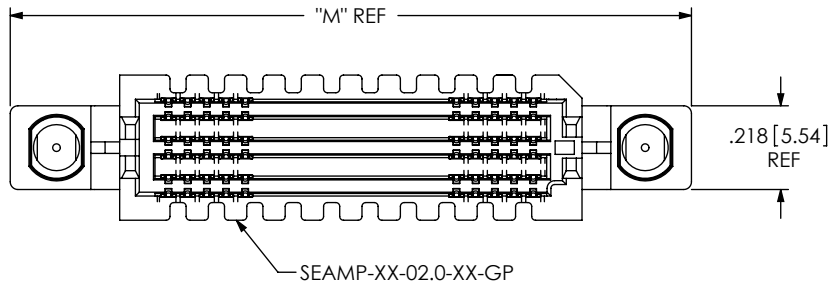
CPC FREQUENCY THIS SHEET	
A	
B	C6, C7
C	
D	

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 DO NOT SCALE DRAWING  
 SHEET SCALE: 2:1

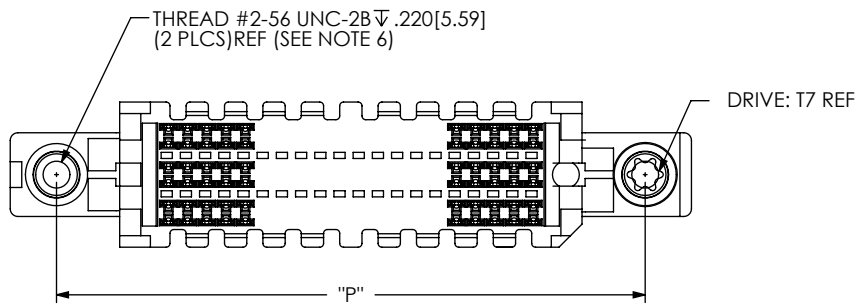
**samtec**  
 520 PARK EAST BLVD., NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
 TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS  
 DWG. NO.  
**SEAMP-XX-XX.X-X-XX-XX**  
 BY: R MUSSER 11/19/2008 SHEET 2 OF 3

**FIG. 5**  
 -GP: GUIDE POST OPTION  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAMP-20-02.0-X-06-GP-XX SHOWN)  
 (SOME CONTACTS NOT SHOWN FOR CLARITY)



MS-256-250-P-6L  
 (2 PCS)  
 (SEE TABLE 5)



ROW	NO OF POS	CAT FIXTURE NO
-04	-10	CAT-SEAMP-10-04
	-20	CAT-SEAMP-20-04
	-30	CAT-SEAMP-30-04
	-40	CAT-SEAMP-40-04
	-50	CAT-SEAMP-50-04
-06	-10	CAT-SEAMP-10-06
	-20	CAT-SEAMP-20-06
	-30	CAT-SEAMP-30-06
	-40	CAT-SEAMP-40-06
	-50	CAT-SEAMP-50-06
-08	-10	CAT-SEAMP-10-08
	-20	CAT-SEAMP-20-08
	-30	CAT-SEAMP-30-08
	-40	CAT-SEAMP-40-08
	-50	CAT-SEAMP-50-08
-10	-10	CAT-SEAMP-10-10
	-20	CAT-SEAMP-20-10
	-30	CAT-SEAMP-30-10
	-40	CAT-SEAMP-40-10
	-50	CAT-SEAMP-50-10

No. OF POS	"M"	"N"	"P"
-10	1.274 [32.36]	1.033 [26.24]	1.033 [26.24]
-20	1.774 [45.06]	1.533 [38.94]	1.533 [38.94]
-30	2.274 [57.76]	2.033 [51.64]	2.033 [51.64]
-40	2.774 [70.46]	2.533 [64.34]	2.533 [64.34]
-50	3.274 [83.16]	3.033 [77.04]	3.033 [77.04]

OPTION	PCB THICKNESS	SCREW P/N	SCREW LENGTH
-GP	0.062 [1.57] - 0.125 [3.18]	MS-256-250-P-6L-X	0.250 [6.35]

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	B/C8, C9, C10		
	C		
	D		
		DESCRIPTION: TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS	
		DWG. NO. <b>SEAMP-XX-XX.X-X-XX-XX</b>	
		BY: R MUSSER 11/19/2008	SHEET 3 OF 3