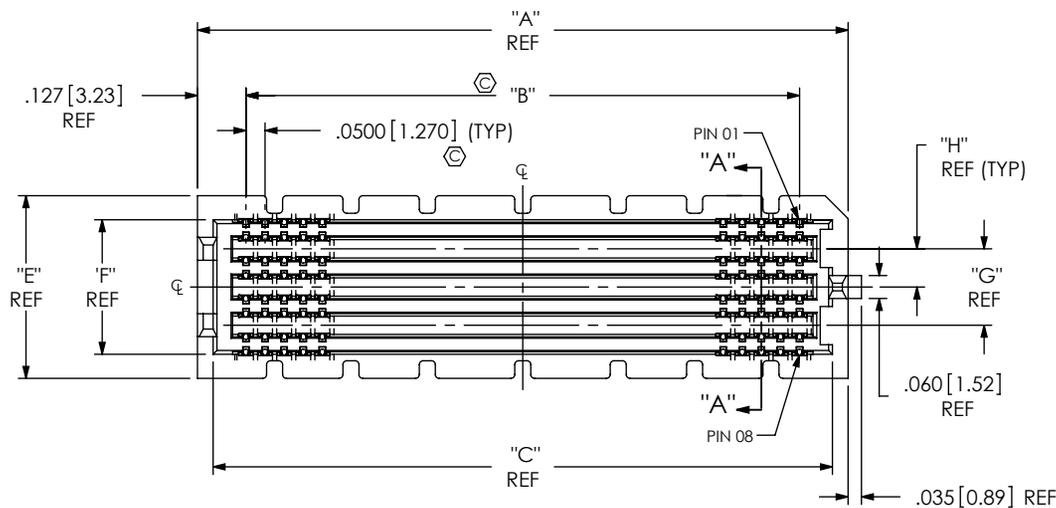


DO NOT SCALE FROM THIS PRINT

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



SEAMP-XX-XX.X-X-XX-XXX-TR

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

LEAD STYLE
-02.0

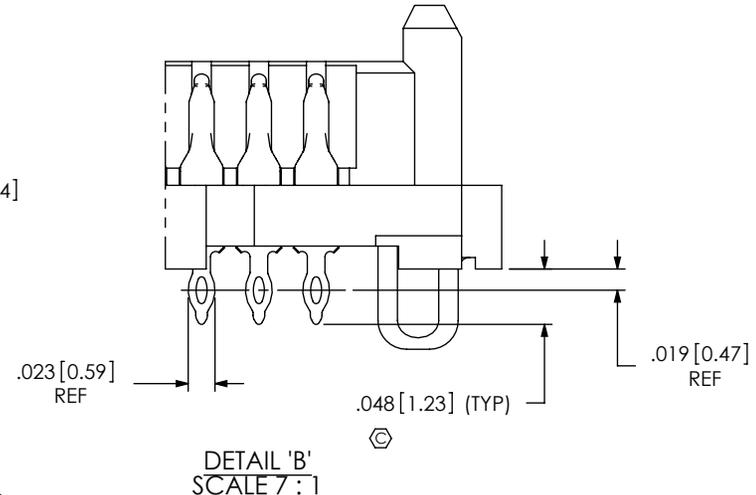
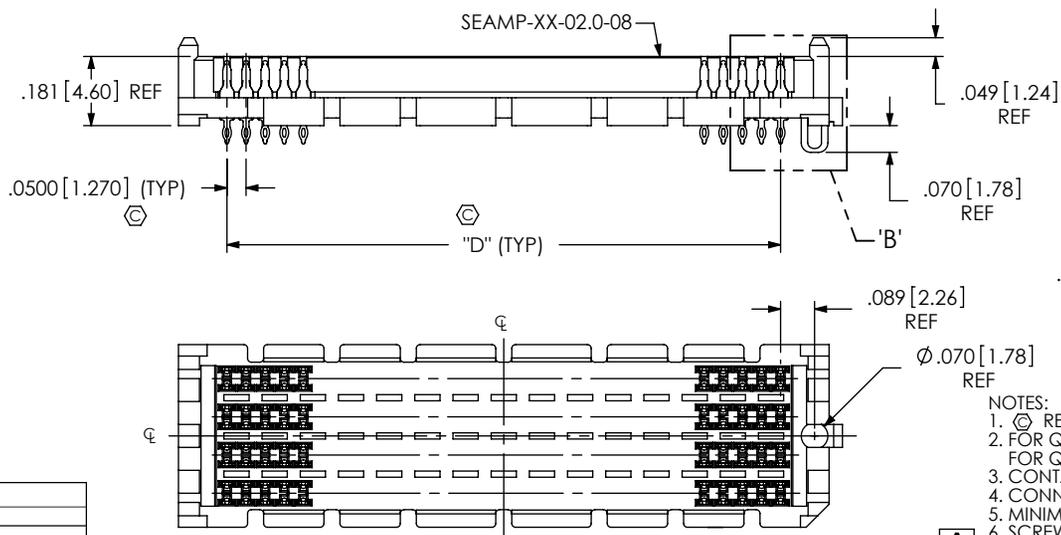
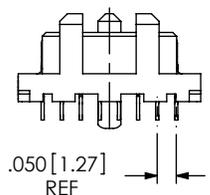
PACKAGING
-TR: TAPE AND REEL
(SEE NOTE 2)

OPTION
*-GPT: GUIDE POST WITH SCREWS
FOR .062 [1.57] - .125 [3.18] BOARD
(SEE FIG 5, SHT 3) (SEE NOTE 6)

PLATING SPECIFICATIONS
-L: LIGHT GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(LEAD STYLE -02.0: USE T-1M73-01-L)
-S: SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(LEADSTYLE -02.0: USE T-1M73-01-S)

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)

(* = NOT RELEASED)



DETAIL 'B'
SCALE 7:1

- NOTES:
1. Ⓞ REPRESENTS A CRITICAL DIMENSION.
 2. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR REEL WILL BE SUPPLIED. FOR QUANTITIES 50 - 124, NO LEADER OR TRAILER WILL BE SUPPLIED.
 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 GPT OPTION WILL BE BULK PACKAGED AND SHIPPED WITH CONNECTOR.
 7. APPLICATION TOOLING REQUIRED FOR TERMINATIONS, CONTACT IPG.

TABLE 1
STACK HEIGHT

SEAMP 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]

TABLE 3

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]

* - NOT RELEASED

* - NOT RELEASED

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES[MILLIMETERS]. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [.3] .XXX: ±.005 [.13] .XXXX: ±.0020 [.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322

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

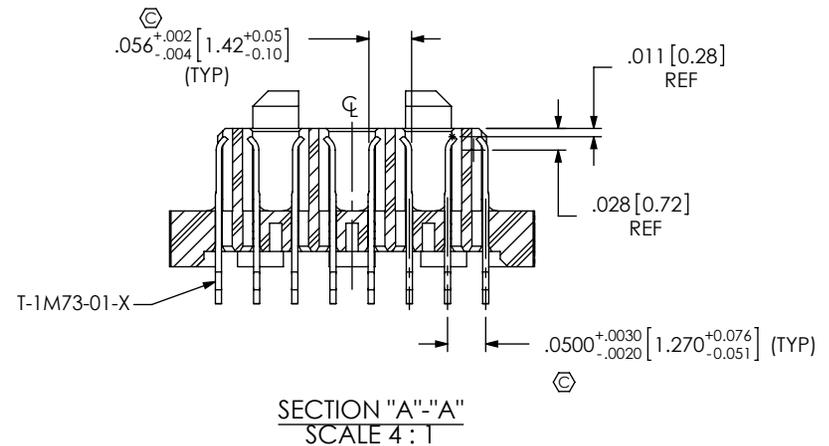
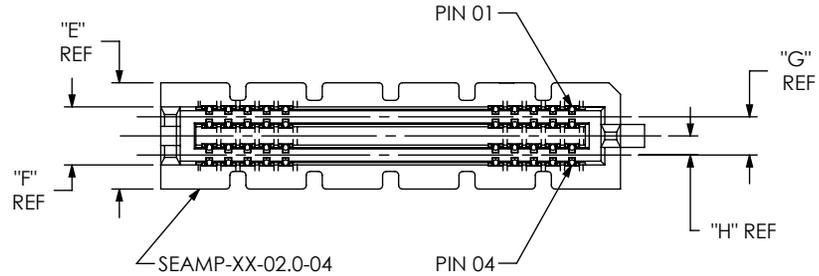


FIG. 3
-06: 6 ROWS
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(SEAMP-20-02.0-X-06-TR SHOWN)
(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)

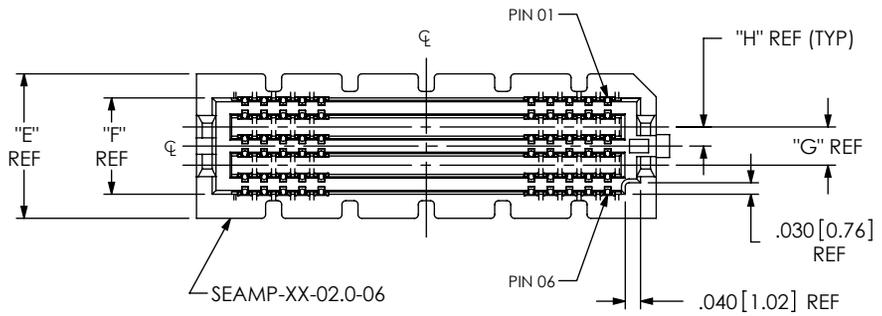
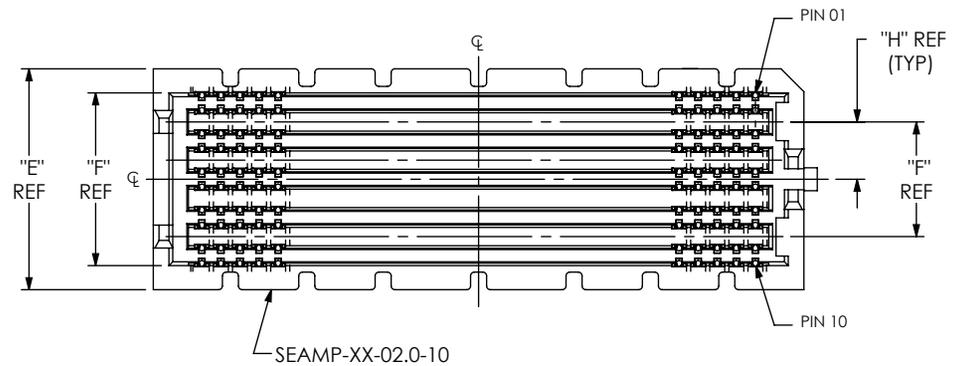


FIG. 4
-10: 10 ROW
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(SEAMP-30-02.0-X-10-TR SHOWN)
(SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



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SHEET SCALE: 2:1



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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS

DWG. NO.
SEAMP-XX-XX.X-X-XX-XXX-TR

FIG. 5
 *.GP1: GUIDE POST OPTION
 (SAME AS FIG. 1, EXCEPT AS SHOWN)
 (SEAMP-20-02.0-X-06-GP1-TR SHOWN)
 (SOME CONTACTS NOT SHOWN FOR CLARITY)
 (* = NOT TOOLED)

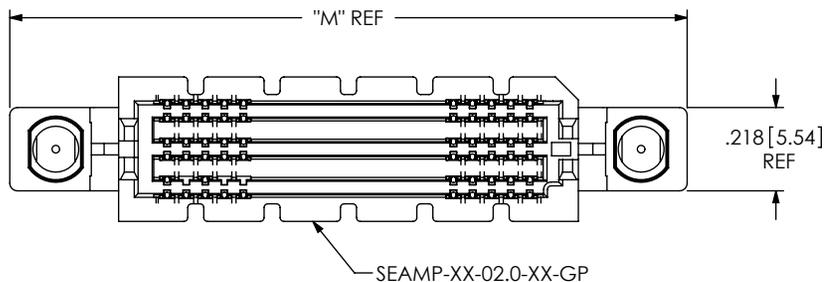


TABLE 4

No. OF POS	"M"	"N"	"P"
*-10	1.266 [32.16]	1.033 [26.24]	1.033 [26.24]
-20	1.766 [44.86]	1.533 [38.94]	1.533 [38.94]
-30	2.266 [57.56]	2.033 [51.64]	2.033 [51.64]
-40	2.766 [70.26]	2.533 [64.34]	2.533 [64.34]
*-50	3.266 [82.96]	3.033 [77.04]	3.033 [77.04]

(* = NOT RELEASED)

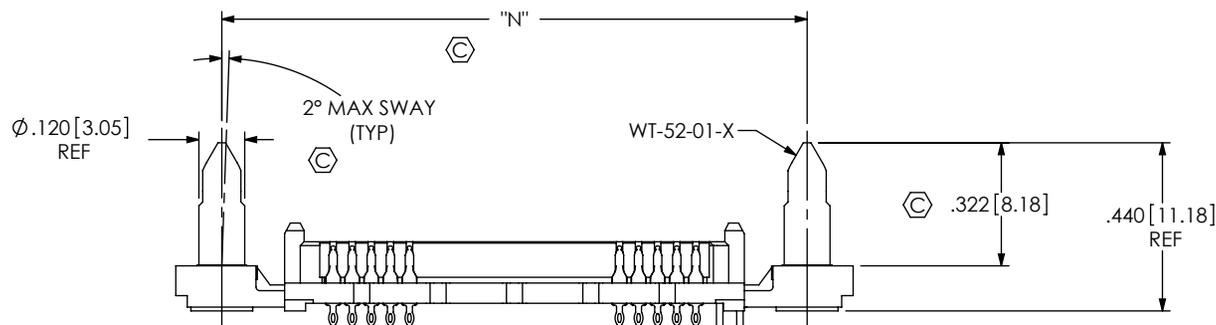
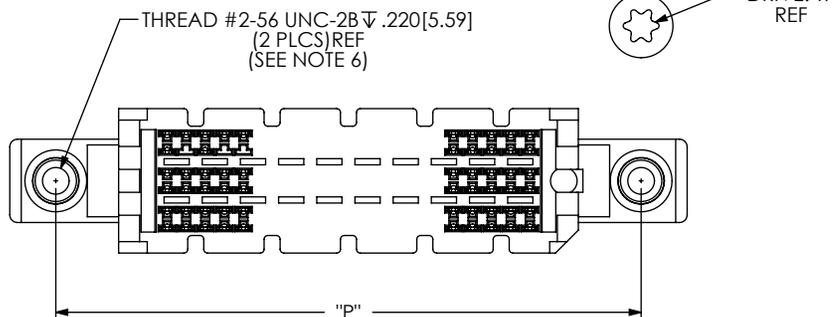


TABLE 5

GUIDE POST	PCB THICKNESS	SCREW P/N	SCREW LENGTH
*-GP1	0.062 [1.57] - 0.125 [3.18]	MS-2-56-250-P-6L-X	0.250 [6.35]

(* = NOT TOOLED)

MS-2-56-250-P-6L-X
 (2 PCS)
 (SEE TABLE 5)



CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
FILL TERMINALS		C1, C2, C3, C4, C6, C7
FILL GUIDE POST		C8, C9, C10
FINISHED ASSEMBLY		C1, C2, C3, C4, C5, C6, C7

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DESCRIPTION:
 TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS
 DWG. NO.
SEAMP-XX-XX.X-X-XX-XXX-TR

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