

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-XX

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

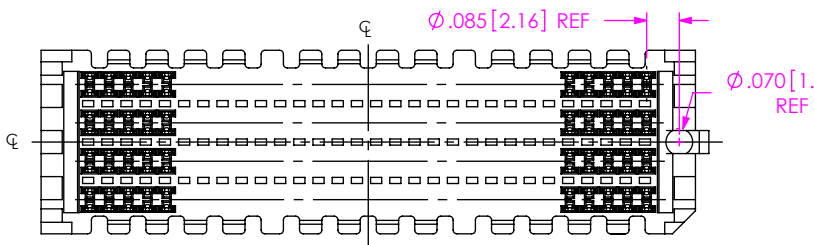
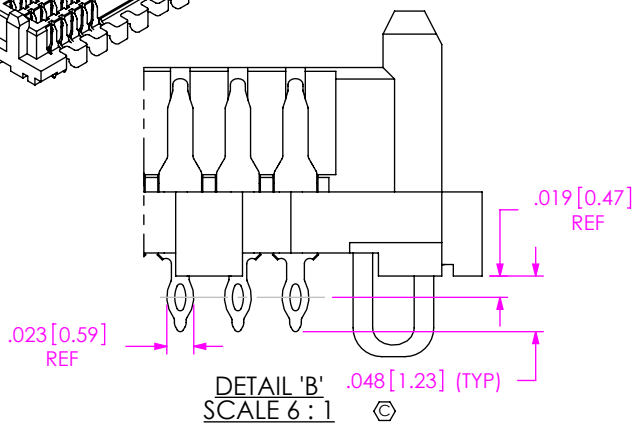
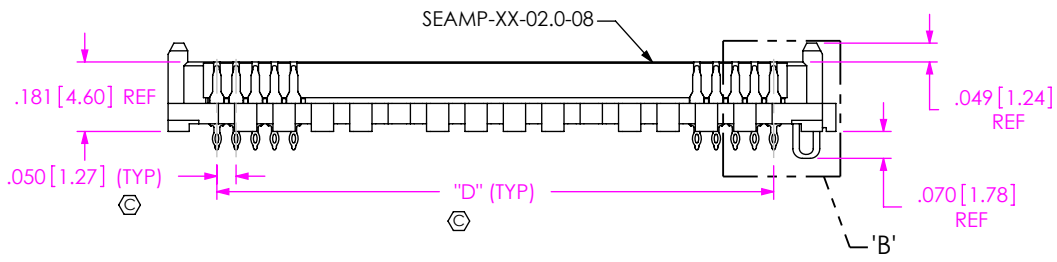
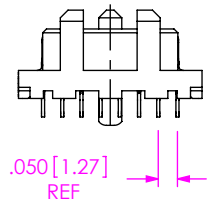
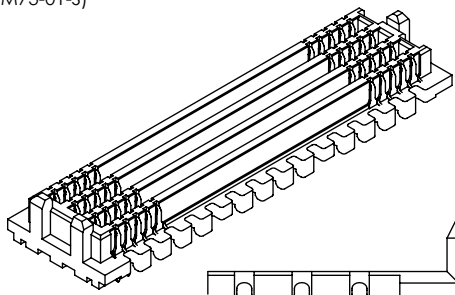
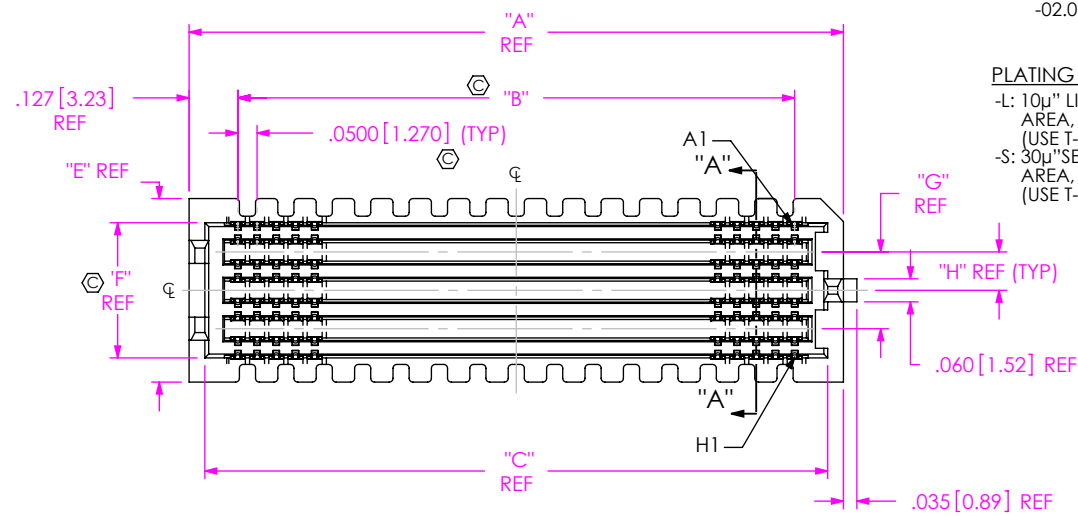
LEAD STYLE  
-02.0

PACKAGING  
BLANK: TRAY (SEE NOTES 10 & 11)  
-TR: TAPE & REEL (SEE NOTES 11 & 12)  
-FR: FULL REEL QTY TAPE & REEL  
(SEE NOTES 11 & 12)

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

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)

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.
  - NOTE DELETED.
  - CONTACT SAMTEC FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
  - CONNECTOR BODY COLOR TO BE NATURAL (BEIGE).
  - MINIMUM PUSHOUT FORCE 0.5 LBS [2.22N] FOR CONTACTS AND GUIDE POSTS.
  - SCREWS (SAMTEC P/N MS-256-250-P-6L) FOR -GP OPTION WILL BE BULK PACKAGED AND SHIPPED WITH CONNECTORS, AFTER PART IS PRESSED TORQUE TO 2.5-3.5 IN\*LB, MAXIMUM PCB THICKNESS IS .138[3.51] FOR SUPPLIED SCREWS.
  - APPLICATION TOOLING REQUIRED FOR TERMINATIONS, SEE TABLE 7.
  - ALL PARTS TO BE PACKAGED IN TRAYS EXCEPT -GP OPTION.
  - SAMTEC RECOMMENDS THIS CONNECTOR NOT BE EXPOSED TO REFLOW TEMPERATURES. CONTACT SAMTEC INTERCONNECT PROCESSING GROUP FOR MORE INFORMATION.
  - TRAYS ARE STANDARD PACKAGING.
  - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
  - ATTACH LABEL TO EACH REEL.

TABLE 1  
STACK HEIGHT

SEAMP LEAD STYLE	SEAF LEAD STYLE		
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]

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

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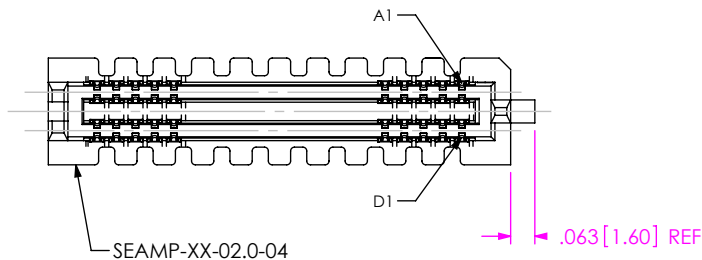


520 PARK EAST BLVD. NEW ALBANY, IN 47150  
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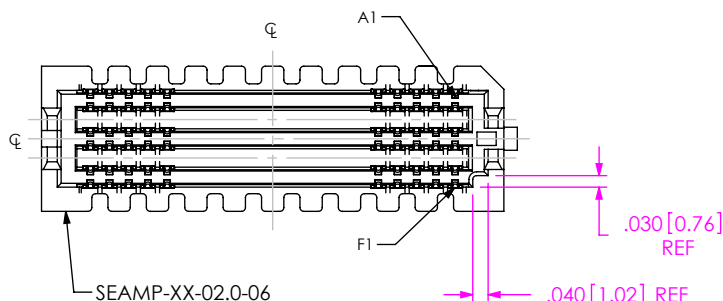
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: HIGH TEMPERATURE NYLON, COLOR: NATURAL  
TERMINAL: COPPER ALLOY  
GUIDE POST: STAINLESS STEEL  
SCREW: STAINLESS STEEL

DESCRIPTION:  
TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS  
DWG. NO.  
SEAMP-XX-XX.X-X-XX-XX-XX  
BY: R MUSSER 11/19/2008 SHEET 1 OF 3

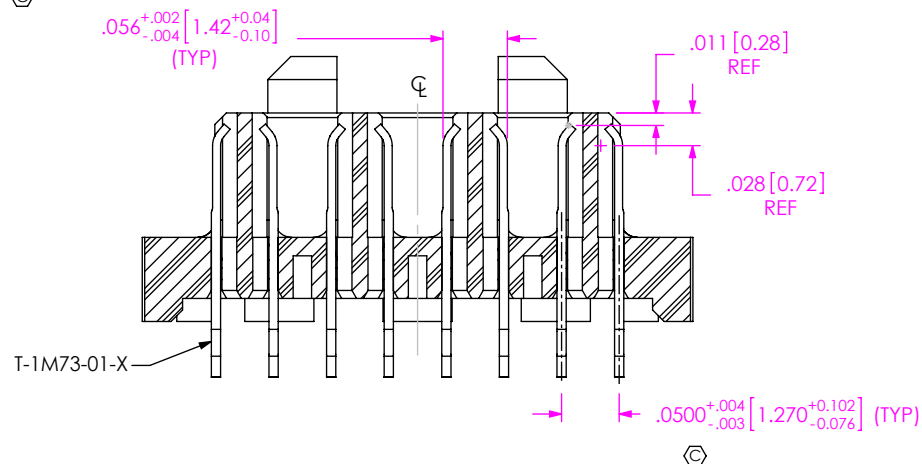
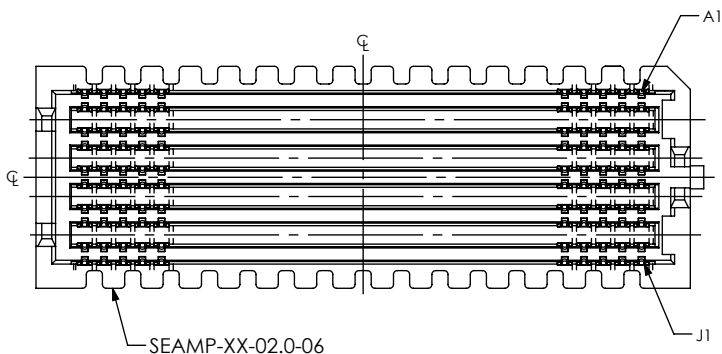
**FIG. 2**  
 -04: 4 ROW  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAMP-20-02.0-X-04-XX SHOWN)  
 (SOME CENTER FEATURES NOT SHOWN FOR CLARITY)



**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)



**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)



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

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]

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)

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DO NOT SCALE DRAWING  
 SHEET SCALE: 2:1



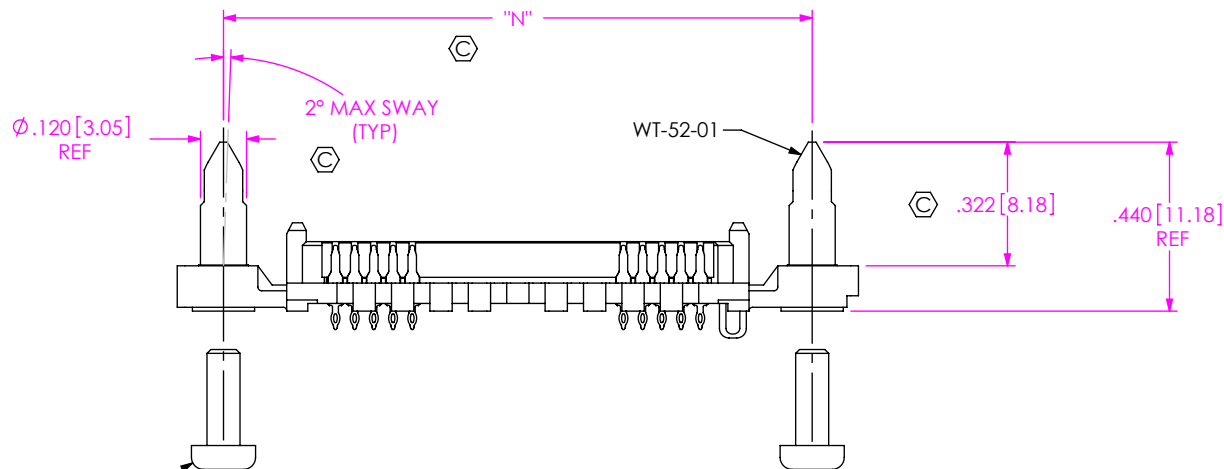
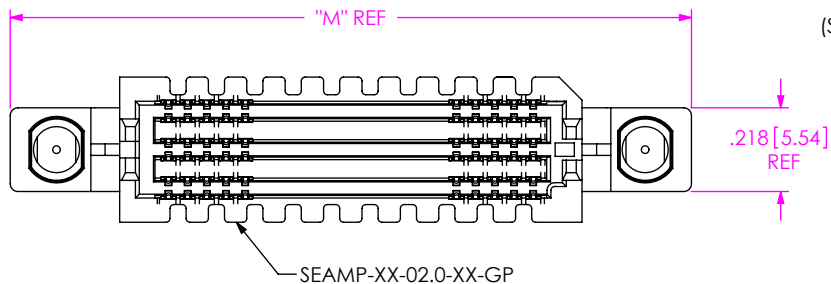
520 PARK EAST BLVD., NEW ALBANY, IN 47150  
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DESCRIPTION:  
 TERMINAL ARRAY ASSEMBLY WITH COMPLIANT TAILS

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

BY: R MUSSER 11/19/2008 SHEET 2 OF 3

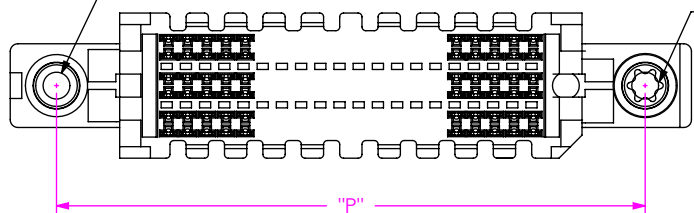
**FIG. 5**  
 -GP: GUIDE POST OPTION  
 (SAME AS FIG. 1, EXCEPT AS SHOWN)  
 (SEAMP-20-02.0-X-06-GP-XX SHOWN)  
 (SOME CONTACTS NOT SHOWN FOR CLARITY)



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

THREAD #2-56 UNC-2B  $\nabla$ .220 [5.59]  
 (2 PLCS) REF (SEE NOTE 6)

DRIVE: T7 REF



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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