REVISION B

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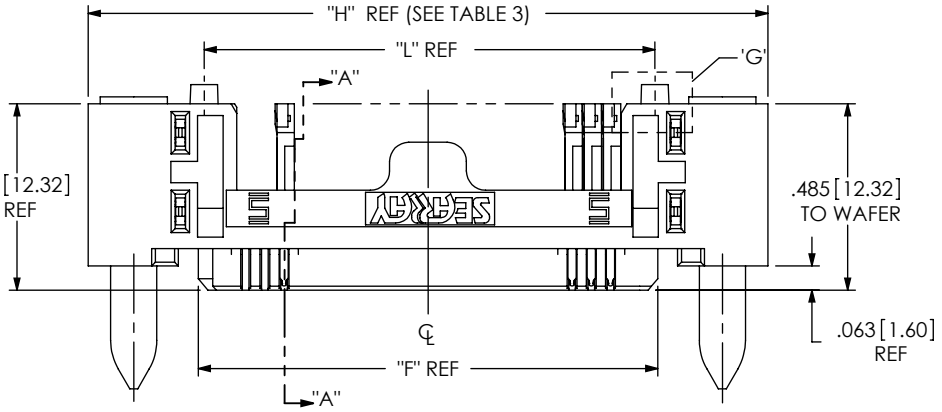


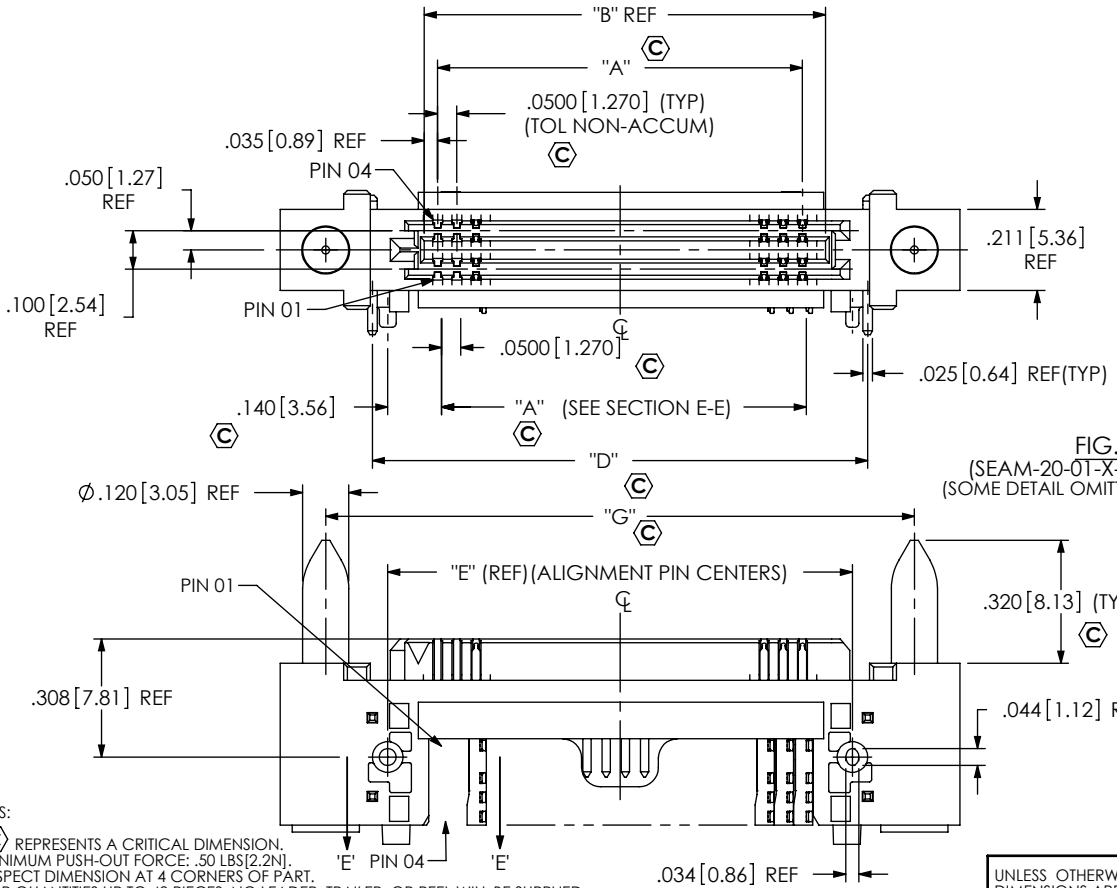
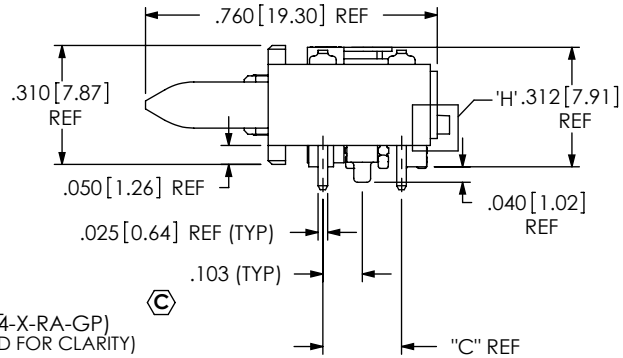


FIG. 1
(SEAM-20-01-X-04-X-RA-GP)
(SOME DETAIL OMITTED FOR CLARITY)



SEAM-XX-XX-X-XX-X-RA-XX-TR

- No OF POSITIONS -20,-30,-40,-50 (PER ROW)
- LEAD STYLE -01
- PLATING SPECIFICATION
  - -S: SELECTIVE GOLD, MATTE TIN ON TAILS (USE SUB-IM-T-1M64-01-XX-S-X)
  - -L: LIGHT SELECTIVE GOLD, MATTE TIN ON TAILS (USE SUB-IM-T-1M64-XX-L-X)
- No OF ROWS -04,-06,*-08,*-10 (* = NOT ENGINEERING APPROVED)
- SOLDER COMPOSITION & STYLE
  - -1: 63% TIN / 37% LEAD CHARGE TAIL (USE SUB-IM-T-1M64-XX-XX-X-1)
  - -2: 95.5% TIN / 3.8 SILVER / 0.7% COPPER LEAD FREE CHARGE TAIL (USE SUB-IM-T-1M64-XX-XX-X-2)
- RIGHT ANGLE -RA
- OPTIONS -GP: GUIDE POST -K: KAPTON PAD (SEE NOTE 8)
- PACKAGING -TR: TAPE & REEL (STANDARD PACKAGING) (SEE NOTE 4 AND 7)

TABLE 2

No. OF ROWS	"BODY CALLOUT"	"TERMINAL WAFER"	"WELD TAB"	"C"	
-04	SEAM-XX-01-RA-04-XX	SUB-IM-T-1M64-01-04-X-X	WT-28-01-T	0.205	[5.21]
-06	SEAM-XX-01-RA-06-XX	SUB-IM-T-1M64-01-06-X-X	WT-28-02-T	0.305	[7.75]
*-08	SEAM-XX-01-RA-08-XX	SUB-IM-T-1M64-01-08-X-X	WT-28-02-T	0.405	[10.29]
*-10	SEAM-XX-01-RA-10-XX	SUB-IM-T-1M64-01-10-X-X	WT-28-02-T	0.505	[12.83]

(* = NOT ENGINEERING APPROVED)

NOTES:
1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSH-OUT FORCE: .50 LBS[2.2N].
3. INSPECT DIMENSION AT 4 CORNERS OF PART.
4. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR REEL WILL BE SUPPLIED FOR QUANTITIES OF 50-124 PIECES, NO LEADER OR TRAILER WILL BE SUPPLIED.
5. NOTE DELETED
6. FEATURE REQUIRED FOR VISION INSPECTION
7. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
8. -K OPTION REQUIRES 125 PIECE MINIMUM ORDER.

TABLE 1

No. OF POS. PER ROW	"A"		"B"		"D"		"E"		"F"		"L"	
-20	0.950	[24.13]	1.045	[26.54]	1.290	[32.77]	1.210	[30.73]	1.196	[30.38]	1.174	[29.82]
-30	1.450	[36.83]	1.545	[39.24]	1.790	[45.47]	1.710	[43.43]	1.696	[43.08]	1.674	[42.52]
-40	1.950	[49.53]	2.045	[51.94]	2.290	[58.17]	2.210	[56.13]	2.196	[55.78]	2.174	[55.22]
-50	2.450	[62.23]	2.545	[64.64]	2.790	[70.87]	2.710	[68.83]	2.696	[68.48]	2.674	[67.92]

TABLE 3

STYLE	No. OF POS PER ROW	"G"		"H"	
WITH -GP OPTION	-20	1.533	[38.94]	1.770	[44.96]
	-30	2.033	[51.64]	2.270	[57.66]
	-40	2.533	[64.34]	2.770	[70.36]
	-50	3.033	[77.04]	3.270	[83.06]
WITHOUT -GP OPTION	-20	N/A		1.440	[36.58]
	-30			1.940	[49.28]
	-40			2.440	[61.98]
	-50			2.940	[74.68]

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

MATERIAL: INSULATOR: LCP COLOR: BLACK
CONTACT: PHOS BRONZE .006 THICK

DO NOT SCALE DRAWING SHEET SCALE: 2:1

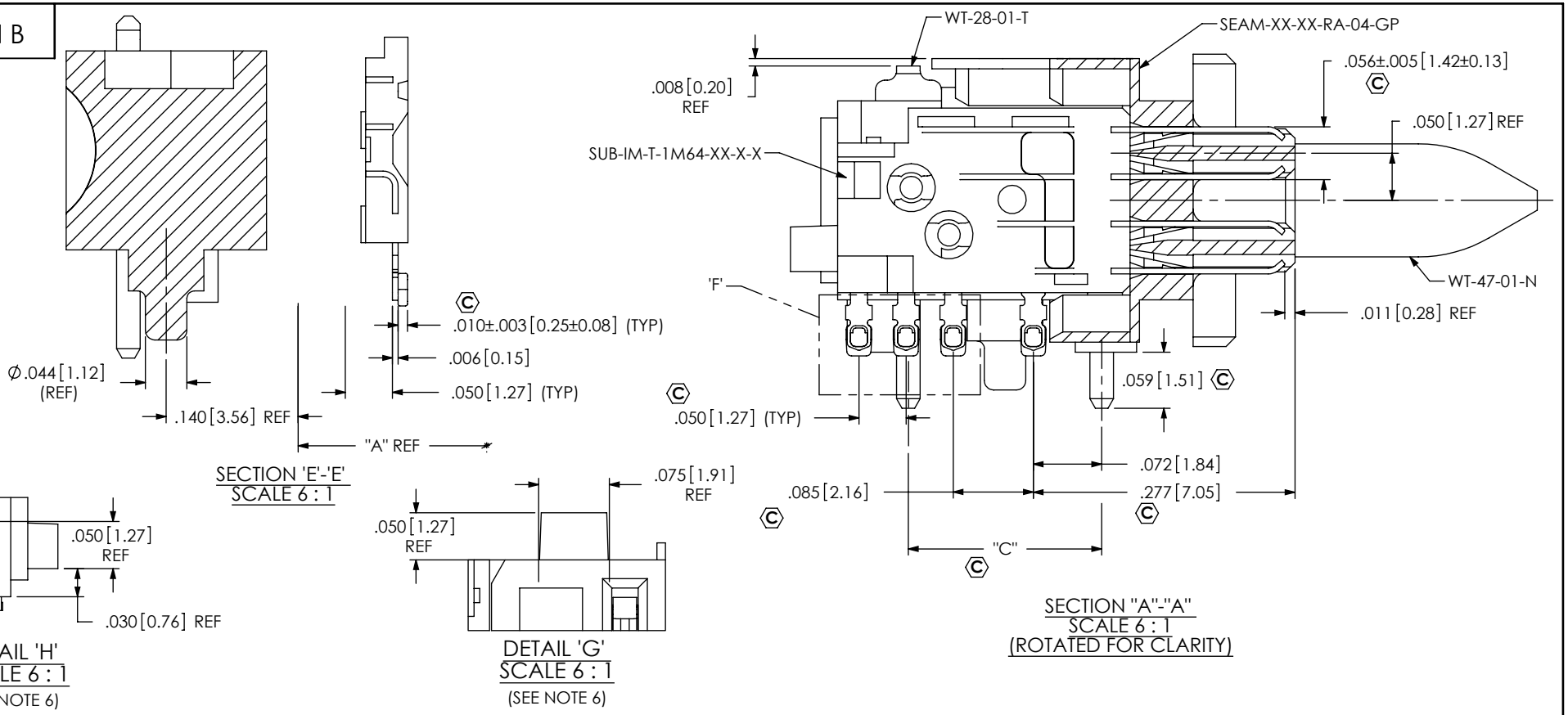
DESCRIPTION: SEAB-RA BODY

DWG. NO. SEAM-XX-XX-X-XX-X-RA-XX-TR

F:\DWG\MISC\MKTG\SEAM-XX-XX-X-XX-X-RA-XX-TR-MKT.SLDDRW

BY: R MUSSER 06/27/2008 SHEET 1 OF 4

REVISION B



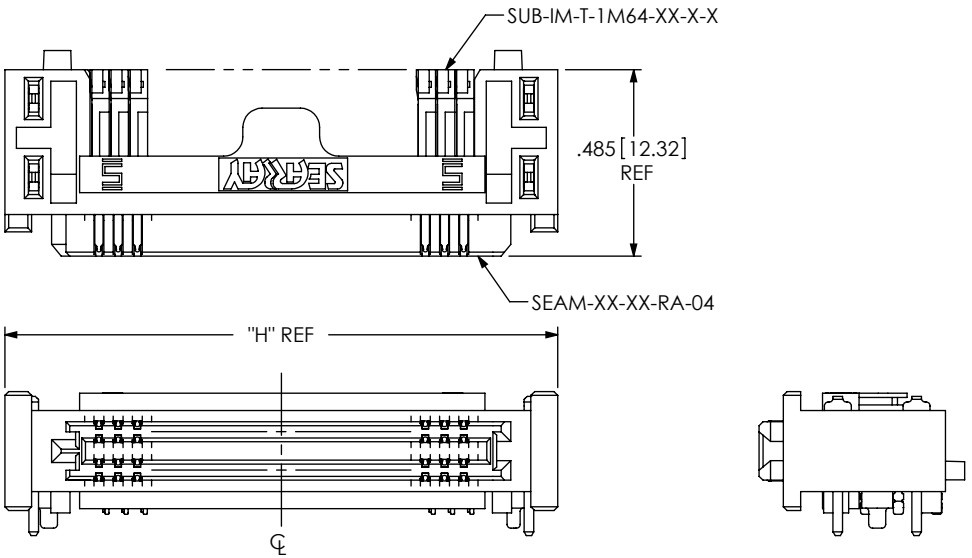
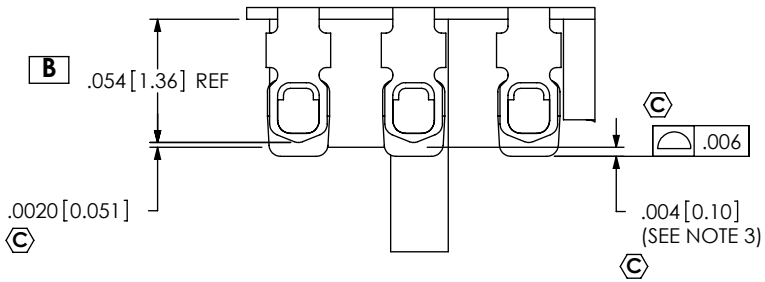


FIG. 2
(SEAM-20-01-X-04-X-RA SHOWN)
(SAME AS FIG. 1 EXCEPT AS NOTED)
(SOME DETAIL REMOVED FOR CLARITY)



DETAIL 'F'
SCALE 12 : 1

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

DESCRIPTION:
SEAB-RA BODY

DWG. NO.
SEAM-XX-XX-X-XX-X-RA-XX-TR

BY: R MUSSER 06/27/2008 | SHEET 2 OF 4

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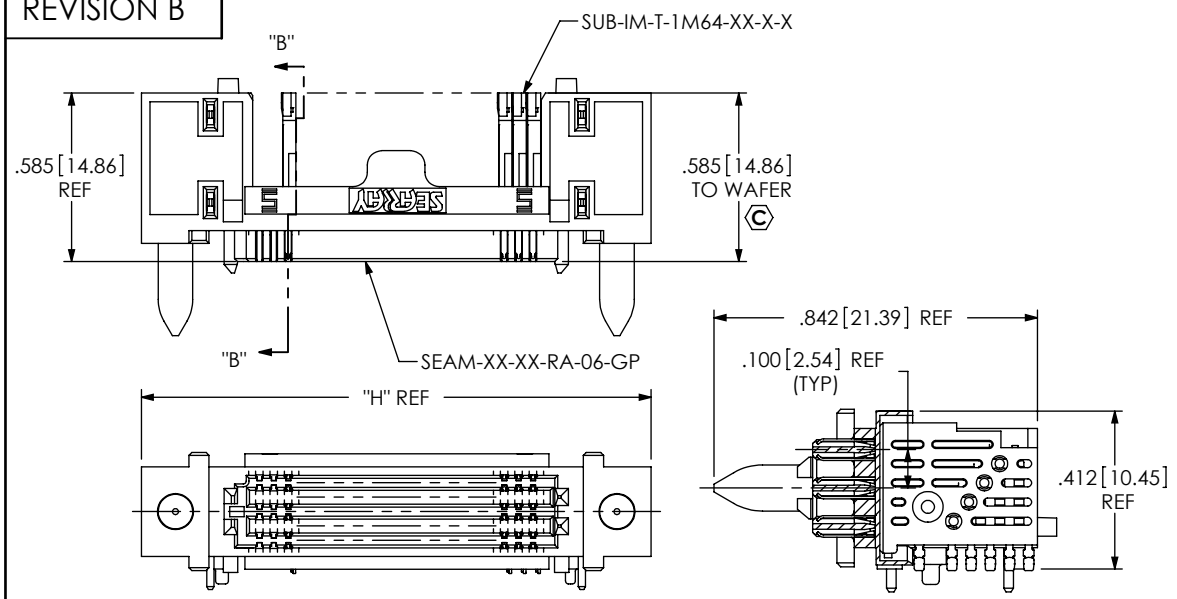
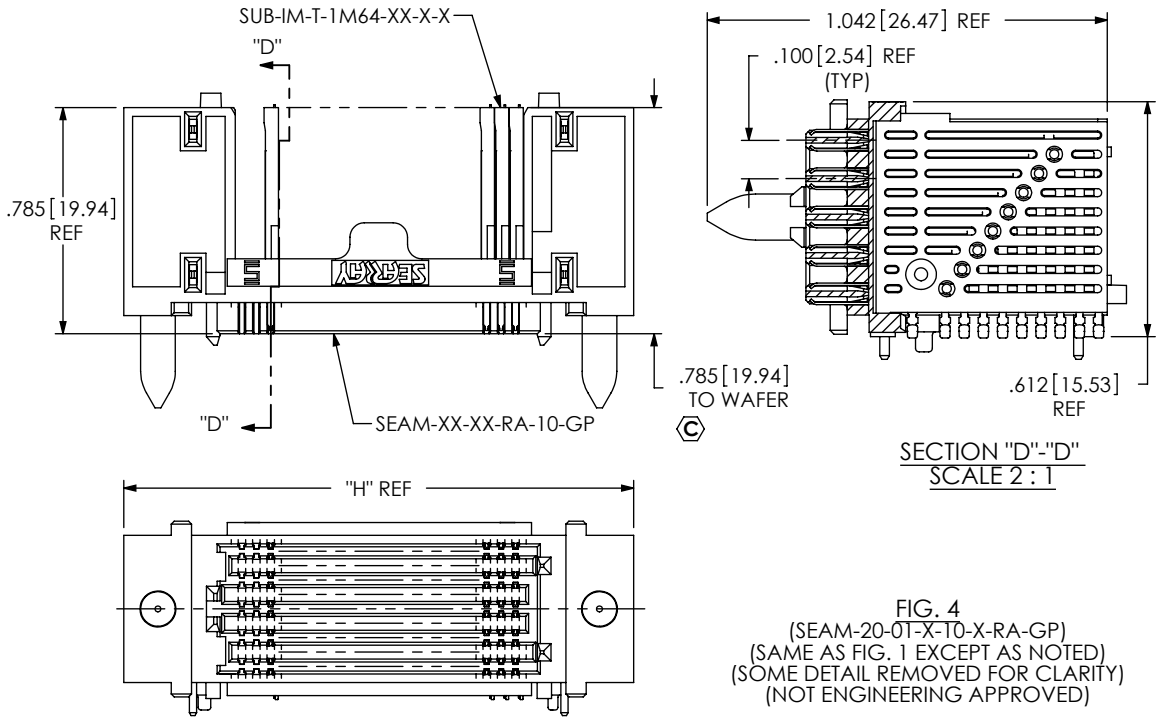
REVISION B



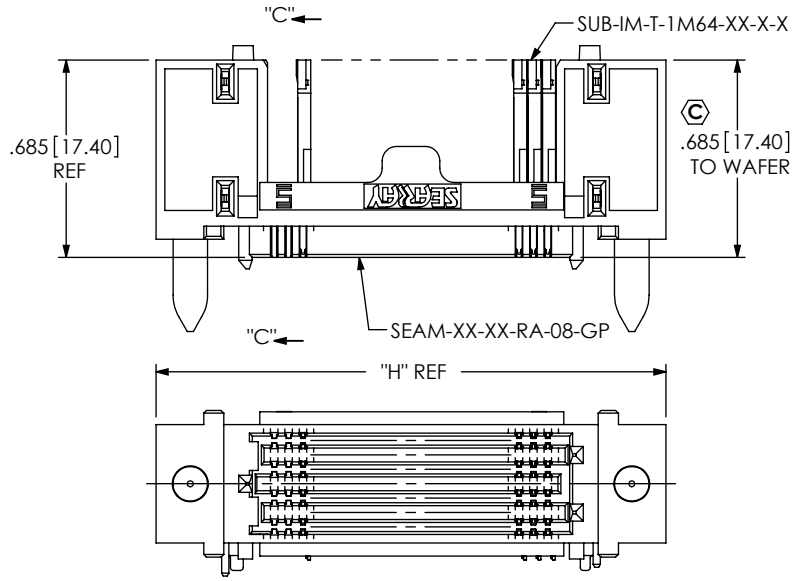
SECTION "B"-"B"
SCALE 2 : 1

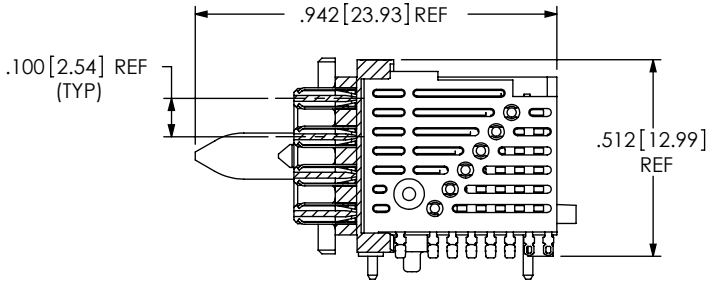
FIG. 3
(SEAM-20-01-X-06-X-RA-GP)
(SAME AS FIG. 1 EXCEPT AS NOTED)
(SOME DETAIL REMOVED FOR CLARITY)



SECTION "D"-"D"
SCALE 2 : 1

FIG. 4
(SEAM-20-01-X-10-X-RA-GP)
(SAME AS FIG. 1 EXCEPT AS NOTED)
(SOME DETAIL REMOVED FOR CLARITY)
(NOT ENGINEERING APPROVED)





SECTION "C"-"C"
SCALE 2 : 1

FIG. 5
(SEAM-20-01-X-08-X-RA-GP)
(SAME AS FIG. 1 EXCEPT AS NOTED)
(SOME DETAIL REMOVED FOR CLARITY)
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e-Mail: info@SAMTEC.com code: 55322

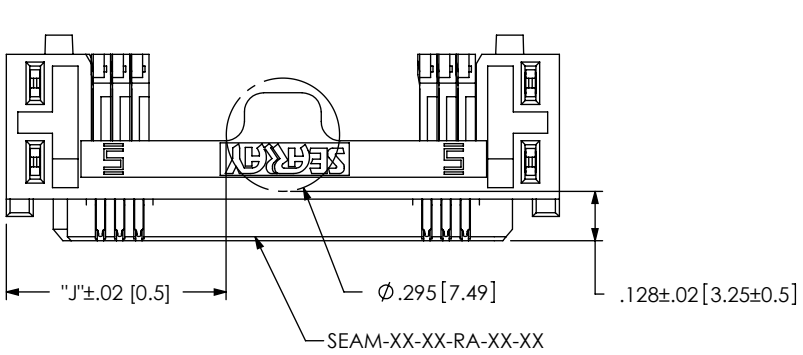
DESCRIPTION: SEAB-RA BODY

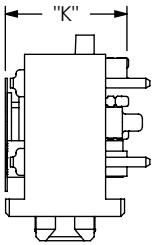
DWG. NO. SEAM-XX-XX-X-XX-X-RA-XX-TR

BY: R MUSSER 06/27/2008 | SHEET 3 OF 4

F:\DWG\MISC\MKTG\SEAM-XX-XX-X-XX-X-RA-XX-TR-MKT.SLDDRW

REVISION B





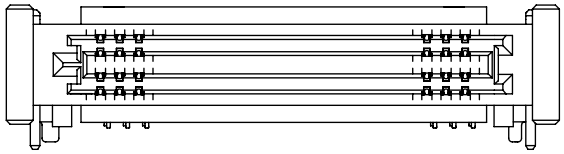


FIG. 6
-K OPTION
(USE K-DOT-.295-.406-.005)
(SEAM-20-01-X-04-X-RA-K SHOWN)

TABLE 4			
STYLE	No. OF POS PER ROW	"J"	
WITH -GP OPTION	-20	0.74	[18.7]
	-30	1.24	[31.4]
	-40	1.74	[44.1]
	-50	2.24	[56.8]
WITHOUT -GP OPTION	-20	0.57	[14.5]
	-30	1.07	[27.2]
	-40	1.57	[39.9]
	-50	2.07	[52.6]

TABLE 5		
No. OF ROWS	"K"	
-04	0.317	[8.04]
-06	0.417	[10.58]
-08	0.517	[13.12]
-10	0.617	[15.66]

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE		
ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
FILL WAFERS		C1, C2, C3, C4, C5, C7, C9, C11, C12, C14, C15, C16, C17, C18
FILL WELD TABS		C6, C8, C10, C13
FILL GUIDE POSTS		C19,C20
FINISHED ASSEMBLY		C1, C2, C3, C4, C5, C7, C9, C11, C12, C14, C15, C16, C17, C18, C19

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SEAB-RA BODY

DWG. NO.
SEAM-XX-XX-X-XX-X-RA-XX-TR

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