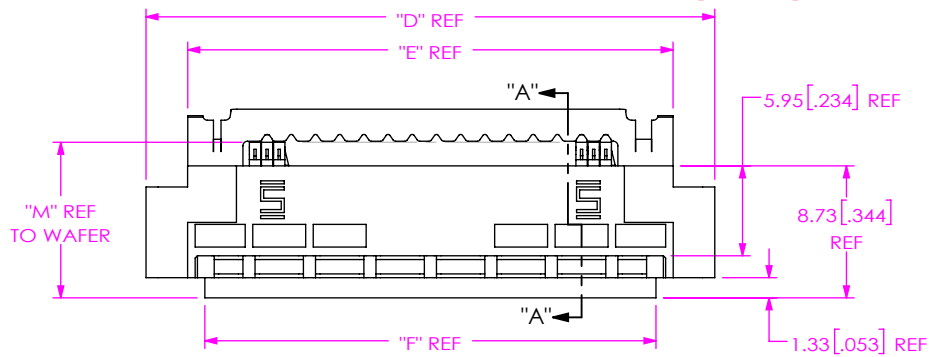


DO NOT SCALE FROM THIS PRINT

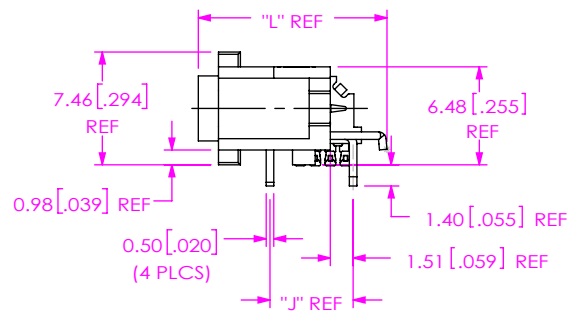
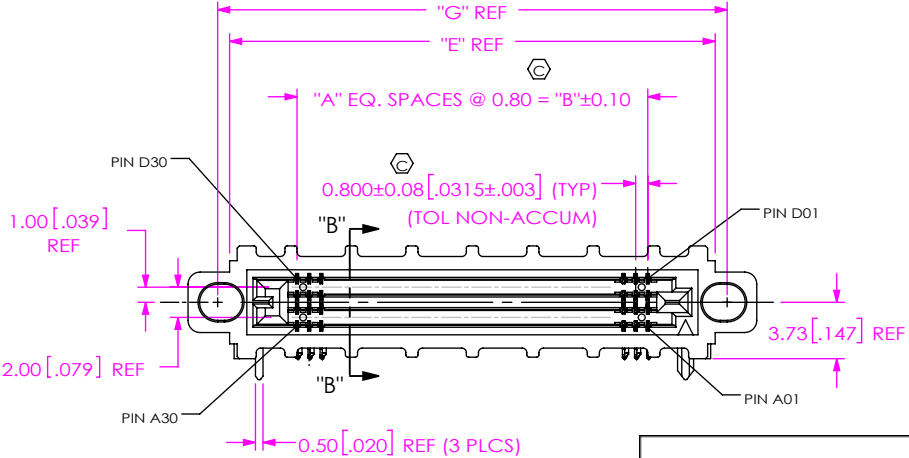
DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

SEAF8-XX-X-X-XX-X-RA-XX-XX



No. OF POSITIONS
 *-10, -20, -30, -40, -50 (PER ROW)
 LEAD STYLE
 -1
 PLATING SPECIFICATION
 -S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE SUB-IM-C-293-XX-XX-S-X)
 No. OF ROWS
 -04: 4 ROWS (ONLY AVAILABLE IN 50 POSITION)
 *-06: 6 ROWS
 -08: 8 ROWS (SEE NOTE 8)
 -10: 10 ROWS (SEE NOTE 8)

PACKAGING
 BLANK: TAPE & REEL (SEE NOTES 4, 6 & 9)
 -FR: FULL REEL QTY TAPE & REEL (SEE NOTES 6 & 9)
 OPTION
 -GP: GUIDE POST
 RIGHT ANGLE
 -RA
 SOLDER COMPOSITION & STYLE
 2: 95.5% TIN / 3.8% SILVER / 0.7% COPPER LEAD FREE CHARGE TAIL (USE SUB-IM-C-293-XX-XX-X-2)
 (* = NOT TOOLED)



ROWS	"J"	"K"	"L"	"M"	"N"	"P"	"Q"	"R"
-04	5.50 [0.217]	9.42 [0.371]	12.48 [0.491]	10.29 [0.405]	10.24 [0.403]	0.55 [0.022]	0.21 [0.008]	0.71 [0.028]
-06	7.50 [0.295]	11.42 [0.450]	14.48 [0.570]	12.29 [0.484]	12.24 [0.482]	0.65 [0.026]	0.22 [0.009]	0.72 [0.028]
-08	9.50 [0.374]	13.42 [0.528]	16.48 [0.649]	14.29 [0.563]	14.24 [0.561]	0.65 [0.026]	0.22 [0.009]	0.72 [0.028]
-10	11.50 [0.453]	15.42 [0.607]	18.48 [0.728]	16.29 [0.641]	16.24 [0.639]	0.65 [0.026]	0.22 [0.009]	0.72 [0.028]

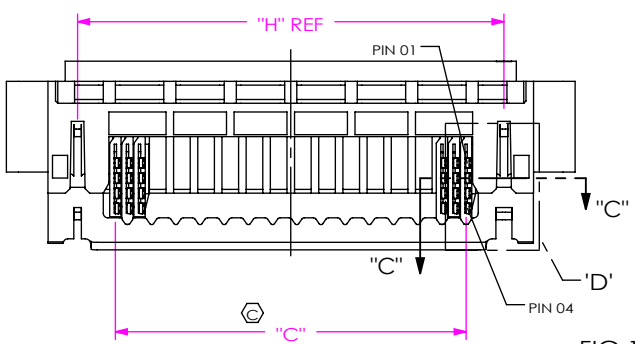


FIG 1 (SEAF8-30-1-X-04-X-RA-GP SHOWN) (SOME CENTER FEATURES REMOVED FOR CLARITY)

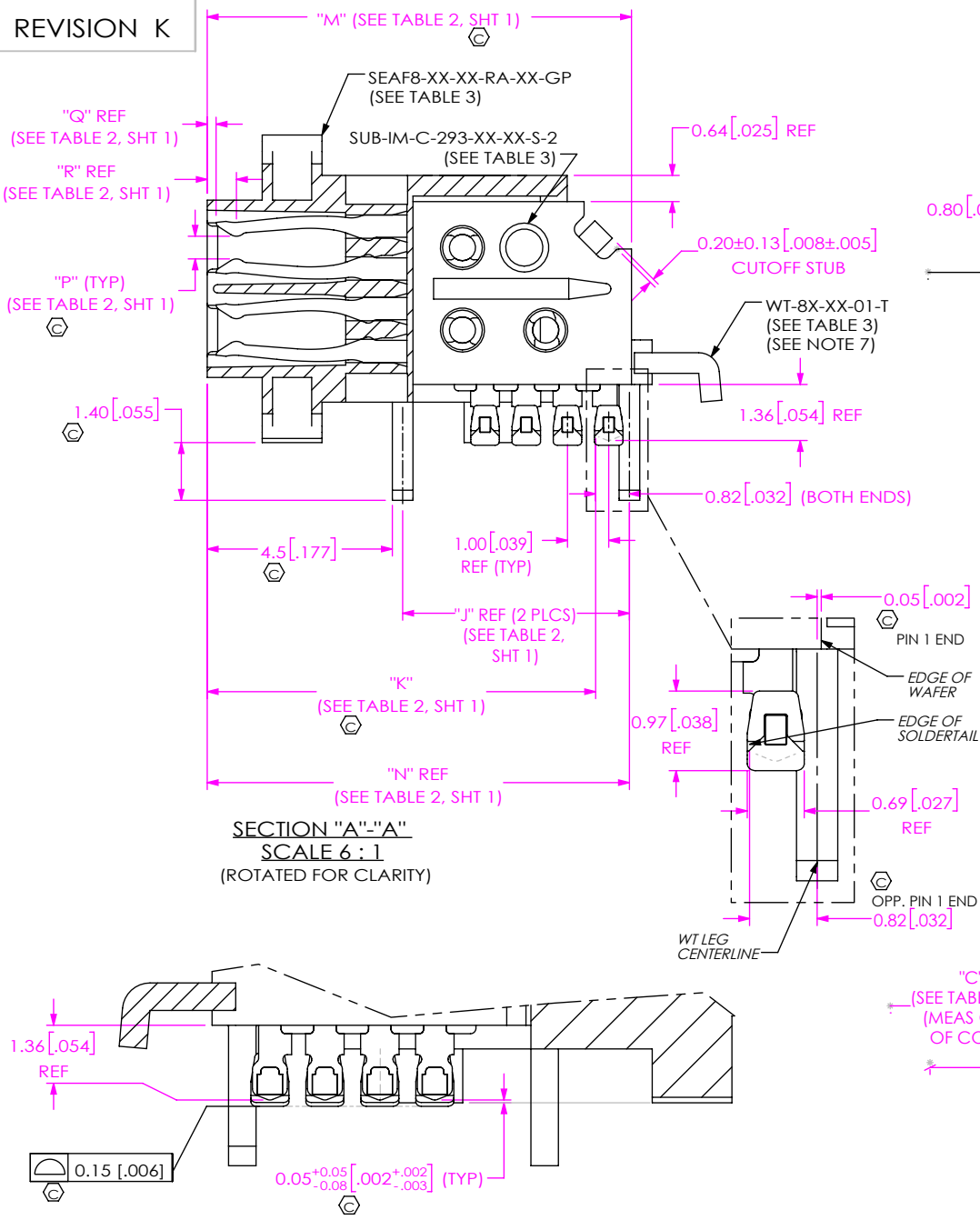
No. OF POS	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
-10	9	7.200 [0.2835]	7.20 [0.283]	21.62 [0.851]	16.12 [0.635]	13.84 [0.545]	17.70 [0.697]	12.20 [0.487]
-20	19	15.200 [0.5984]	15.20 [0.598]	29.62 [1.166]	24.12 [0.950]	21.84 [0.860]	25.70 [1.012]	20.20 [0.802]
-30	29	23.200 [0.9134]	23.20 [0.913]	37.62 [1.481]	32.12 [1.265]	29.84 [1.175]	33.70 [1.327]	28.20 [1.117]
-40	39	31.200 [1.2283]	31.20 [1.228]	45.62 [1.796]	40.12 [1.580]	37.84 [1.490]	41.70 [1.642]	36.20 [1.432]
-50	49	39.200 [1.5433]	39.20 [1.543]	53.62 [2.111]	48.12 [1.894]	45.84 [1.805]	49.70 [1.957]	44.20 [1.747]

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: 2.22N [0.5 LB].
- NOTE DELETED.
- TAPE & REEL IS STANDARD PACKAGING.
- NOTE DELETED.
- ATTACH LABEL "SEAX-0001" TO EACH REEL.
- MINIMUM PUSHOUT FORCE: 8.9N [2.0 LB.]
- 08 & -10 ROW ARE RELEASED FOR NITROGEN ENVIRONMENT PROCESSING ONLY. NOT RECOMMENDED FOR AIR ONLY PROCESSING.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

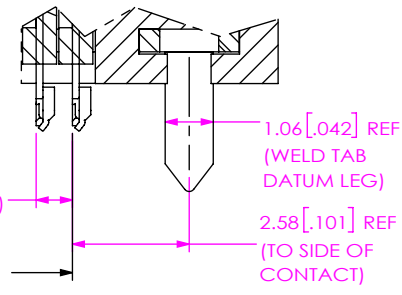
<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS[INCHES]. TOLERANCES ARE: DECIMALS ANGLES X.X: ±0.3 [0.1] X.XX: ±0.13 [0.05] X.XXX: ±0.051 [0.020]</p>	<p>PROPRIETARY NOTE THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PRODUCT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p>	<p>520 PARK EAST BLVD. NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</p>

REVISION K

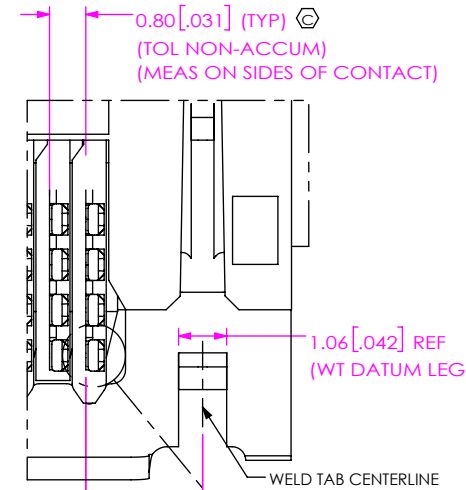


SECTION "A"-"A"
SCALE 6:1
(ROTATED FOR CLARITY)

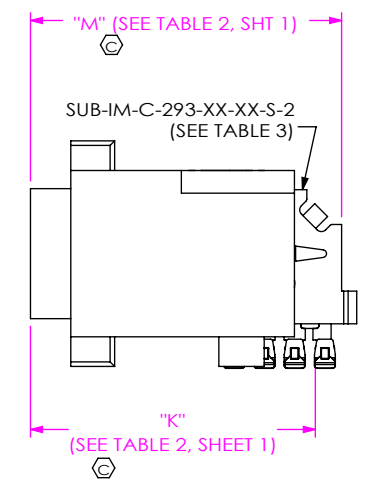
SECTION "B"-"B"
SCALE 8:1



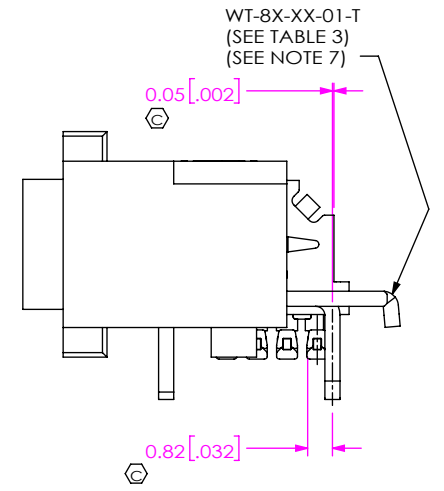
SECTION "C"-"C"
SCALE 6:1



"C" REF (SEE TABLE 1, SHT 1) (MEAS ON SIDES OF CONTACT)
"H" REF (SEE TABLE 1, SHT 1)



IN-PROCESS 1
(FILL SUB-IM-C-293)
(TYPICAL ALL WAFERS)



IN-PROCESS 2
(FILL WT-8X-XX-T)

DETAIL 'D'
SCALE 6:1

ROWS	"BODY CALLOUT"	"CONTACT WAFER"	"WELD TAB"
-04	SEAF8-XX-XX-RA-04-XX	SUB-IM-C-293-XX-04-X-X	WT-82-XX-01-T
-06	SEAF8-XX-XX-RA-06-XX	SUB-IM-C-293-XX-06-X-X	WT-82-XX-02-T
-08	SEAF8-XX-XX-RA-08-XX	SUB-IM-C-293-XX-08-X-X	WT-85-XX-01-T
-10	SEAF8-XX-XX-RA-10-XX	SUB-IM-C-293-XX-10-X-X	WT-85-XX-02-T

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SHEET SCALE: 2:1

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
0.80MM PITCH RA SOCKET ARRAY ASSY
DWG. NO.
SEAF8-XX-X-X-XX-X-RA-XX-XX
BY: KNOWLDEN 7/9/2013 SHEET 2 OF 4

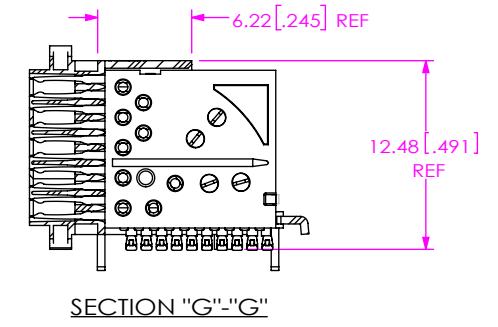
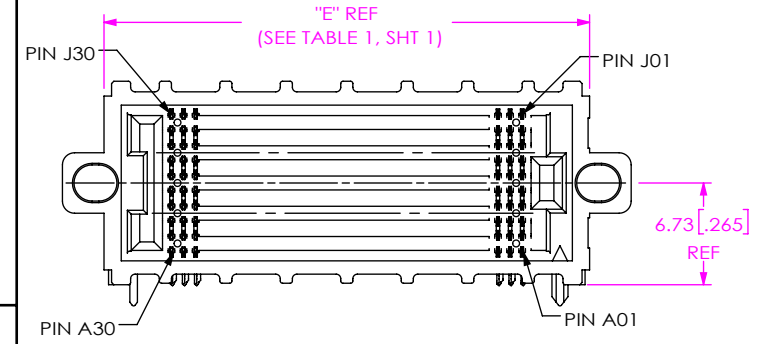
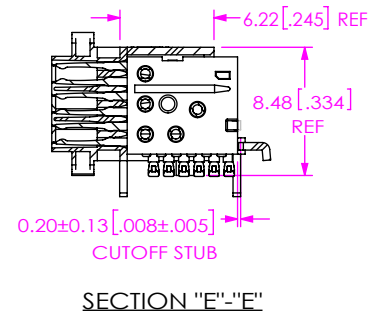
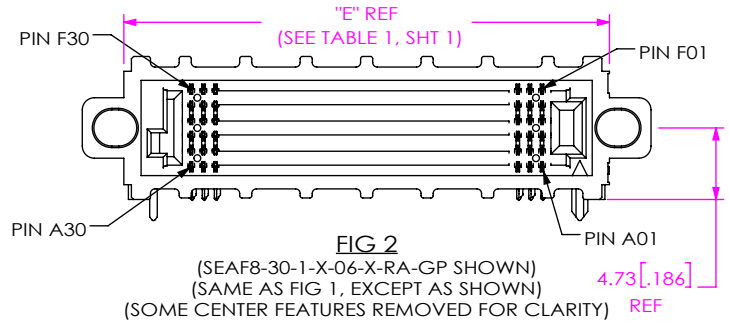
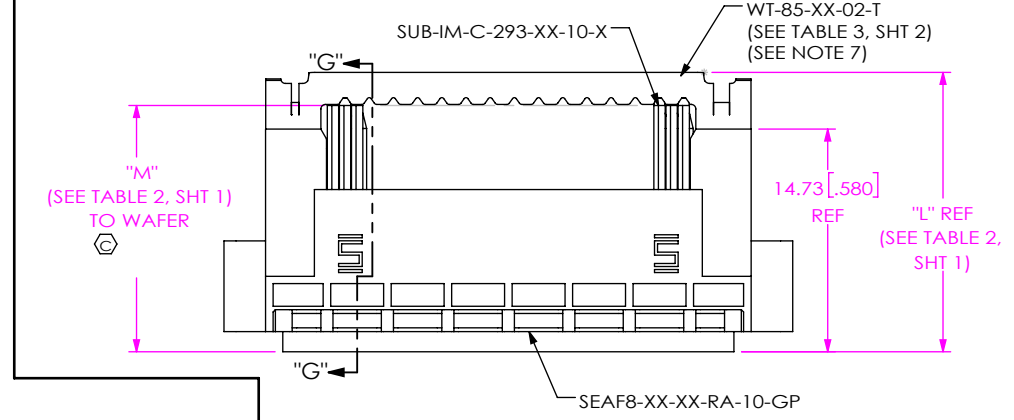
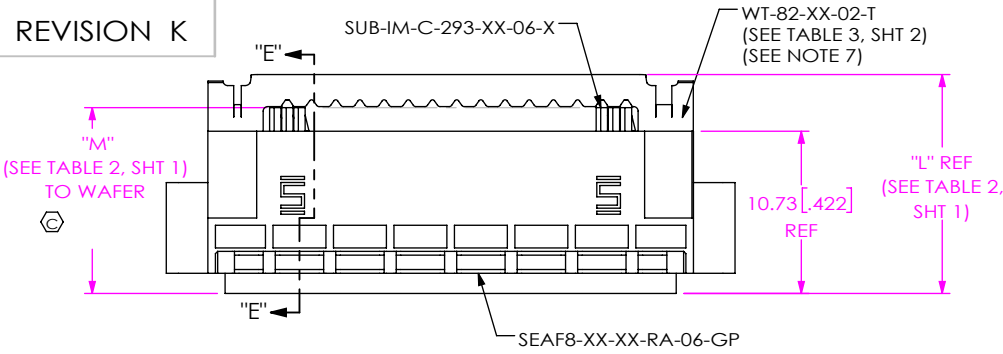


FIG 4
(SEAF8-30-1-X-10-X-RA-GP SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

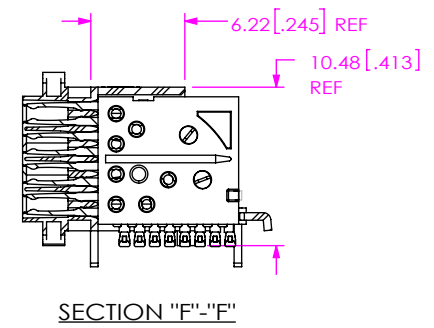
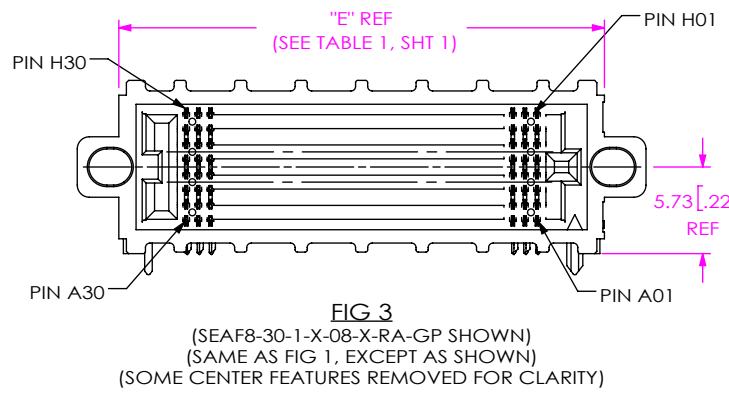
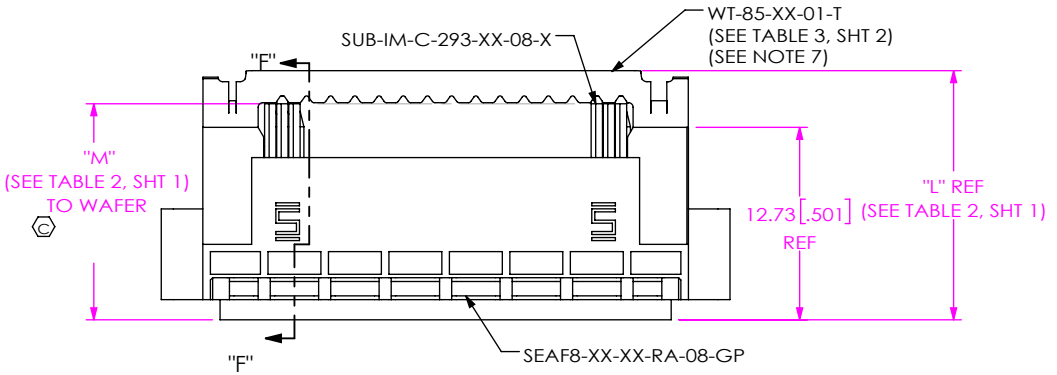


FIG 3
(SEAF8-30-1-X-08-X-RA-GP SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
0.80MM PITCH RA SOCKET ARRAY ASSY
DWG. NO.
SEAF8-XX-X-X-XX-X-RA-XX-XX
BY: KNOWLDEN 7/9/2013 SHEET 3 OF 4

NO GUIDE POST VERSION

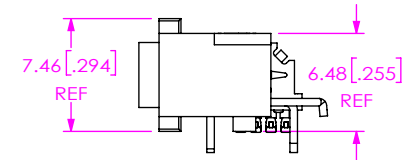
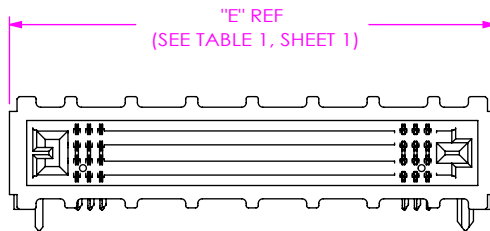
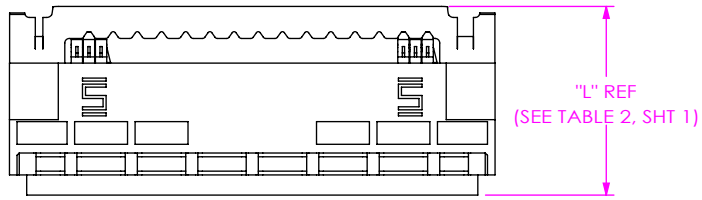


FIG 5
 (SEAF8-30-1-X-04-X-RA SHOWN)
 (SAME AS FIG 1, EXCEPT AS SHOWN)
 (SOME CENTER FEATURES REMOVED FOR CLARITY)

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BY: KNOWLDEN 7/9/2013 SHEET 4 OF 4