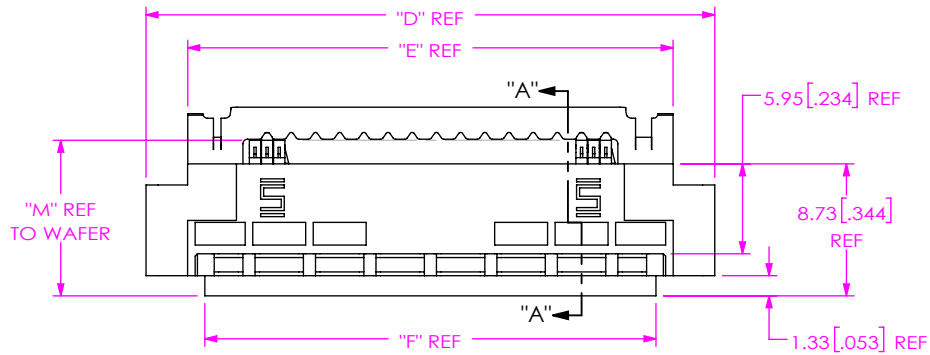


DO NOT SCALE FROM THIS PRINT

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)

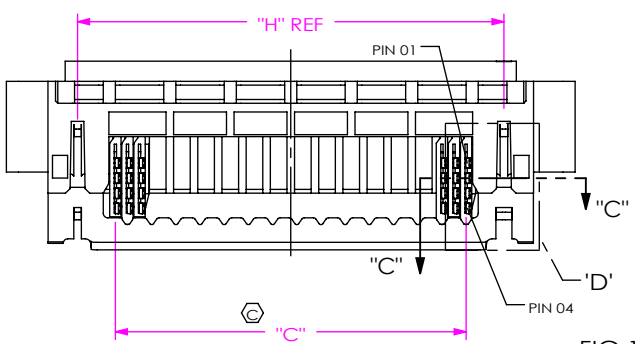
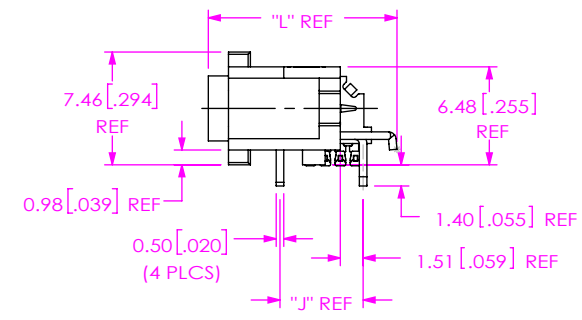
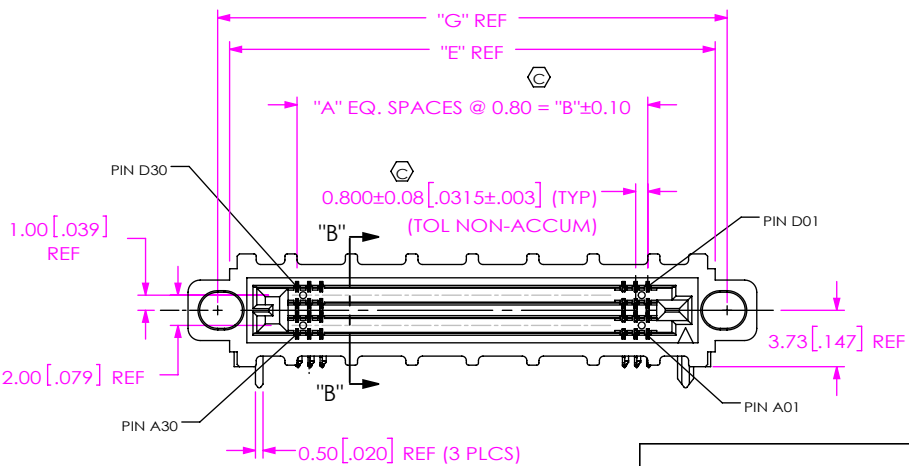


FIG 1 (SEAF8-30-1-X-04-X-RA-GP SHOWN) (SOME CENTER FEATURES REMOVED FOR CLARITY)

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]

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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS[INCHES]. TOLERANCES ARE:  
 DECIMALS ANGLES  
 X.X: ±0.3 [0.1] 2°  
 X.XX: ±0.13 [0.05]  
 X.XXX: ±0.051 [0.020]

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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 2:1  
 INSULATOR: LCP, UL-94V-0; COLOR: BLACK  
 CONTACT: COPPER ALLOY  
 WELD TAB: COPPER ALLOY

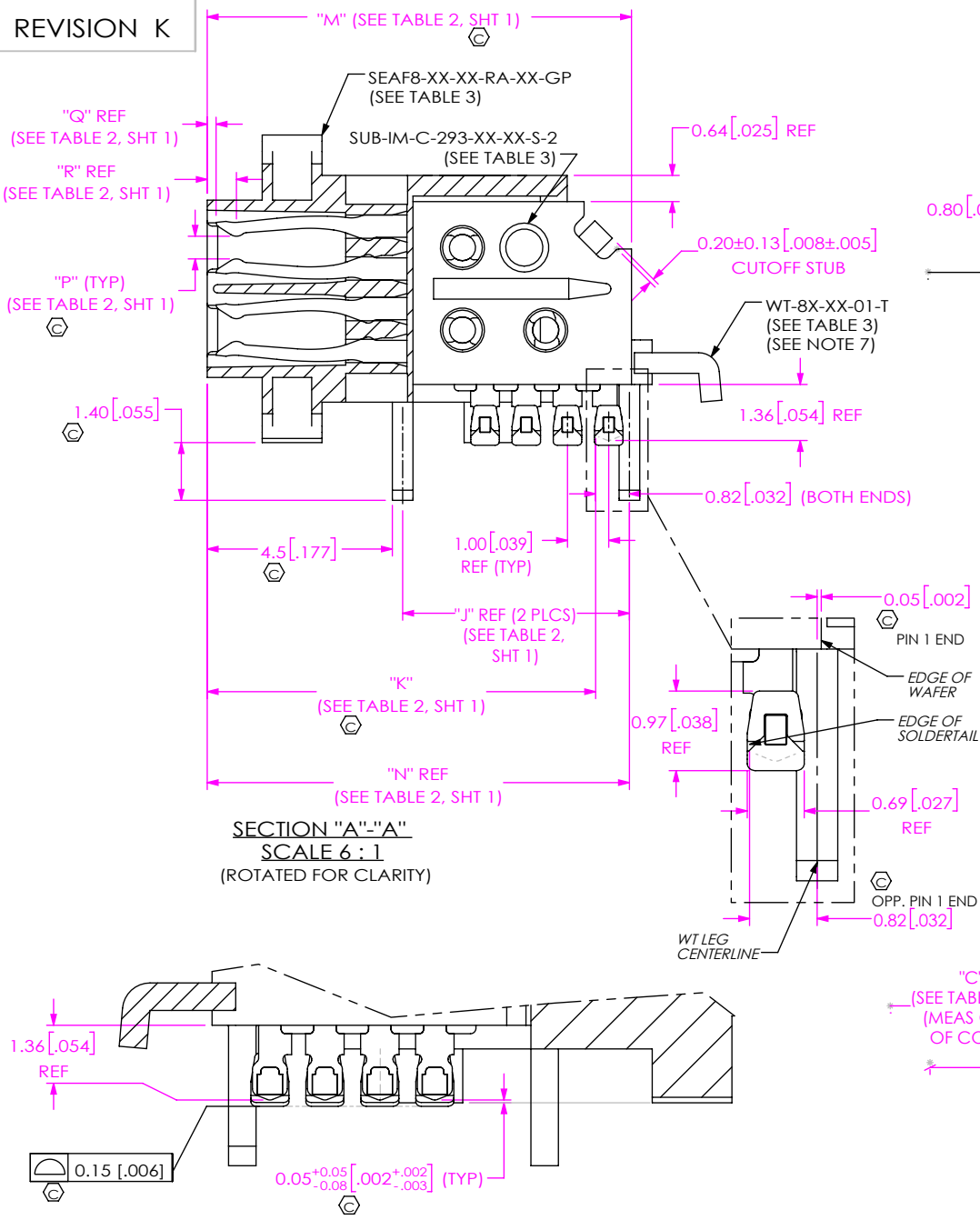
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
 0.80MM PITCH RA SOCKET ARRAY ASSY

DWG. NO.  
 SEAF8-XX-X-X-XX-X-RA-XX-XX

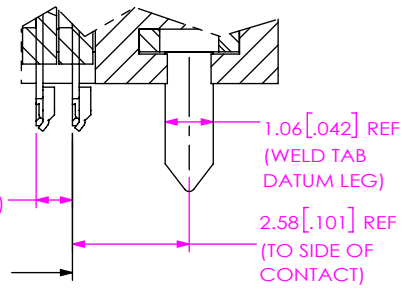
BY: KNOWLDEN 7/9/2013 SHEET 1 OF 4

REVISION K

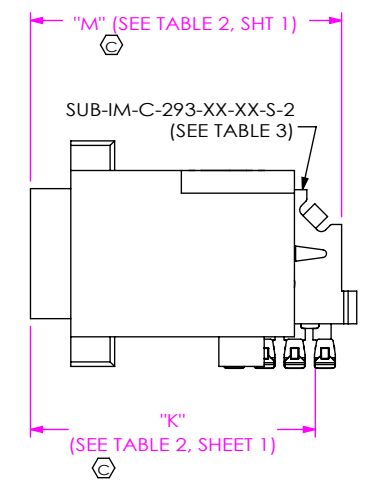
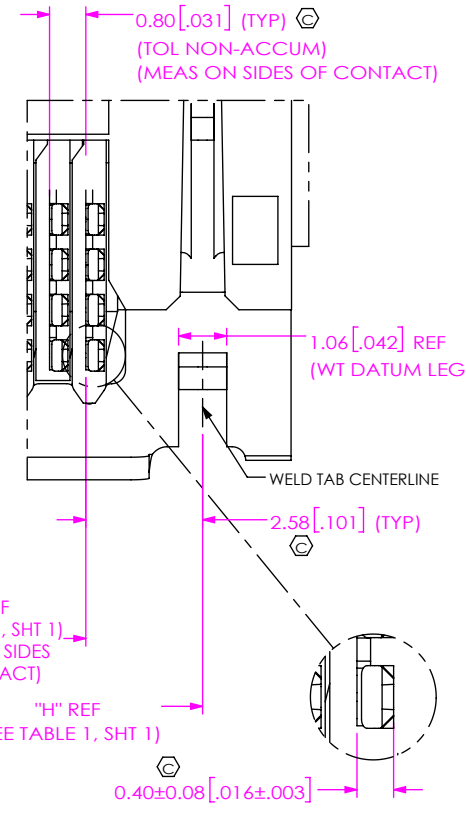


SECTION "A"-"A"  
SCALE 6:1  
(ROTATED FOR CLARITY)

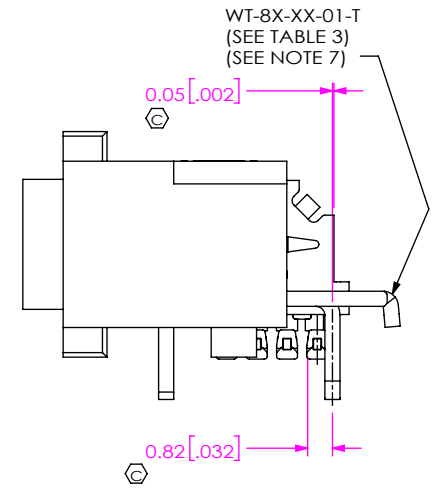
SECTION "B"-"B"  
SCALE 8:1



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



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-XX	WT-82-XX-01-T
-06	SEAF8-XX-XX-RA-06-XX	SUB-IM-C-293-XX-06-XX	WT-82-XX-02-T
-08	SEAF8-XX-XX-RA-08-XX	SUB-IM-C-293-XX-08-XX	WT-85-XX-01-T
-10	SEAF8-XX-XX-RA-10-XX	SUB-IM-C-293-XX-10-XX	WT-85-XX-02-T

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SHEET SCALE: 2:1



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e-Mail: info@SAMTEC.com code 55322

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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

REVISION K

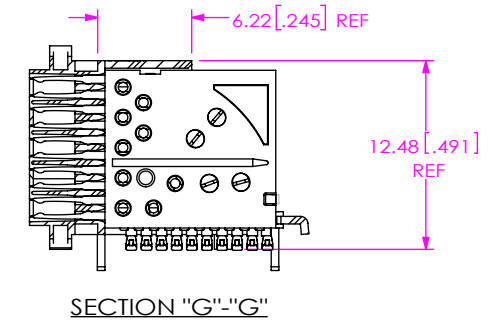
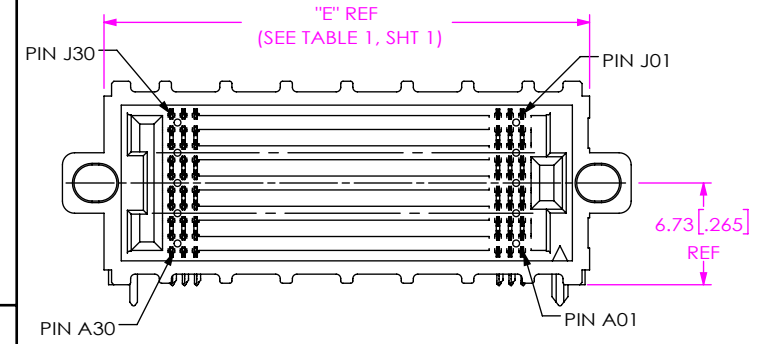
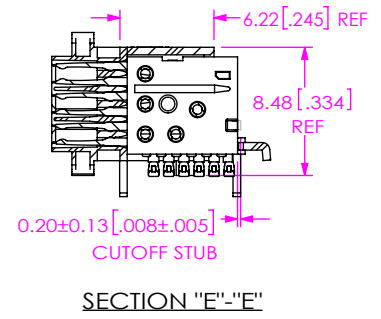
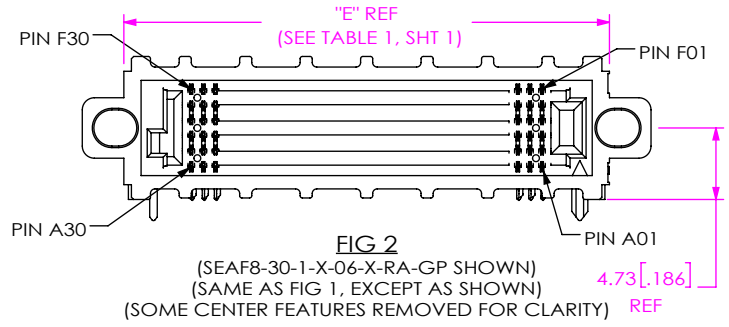
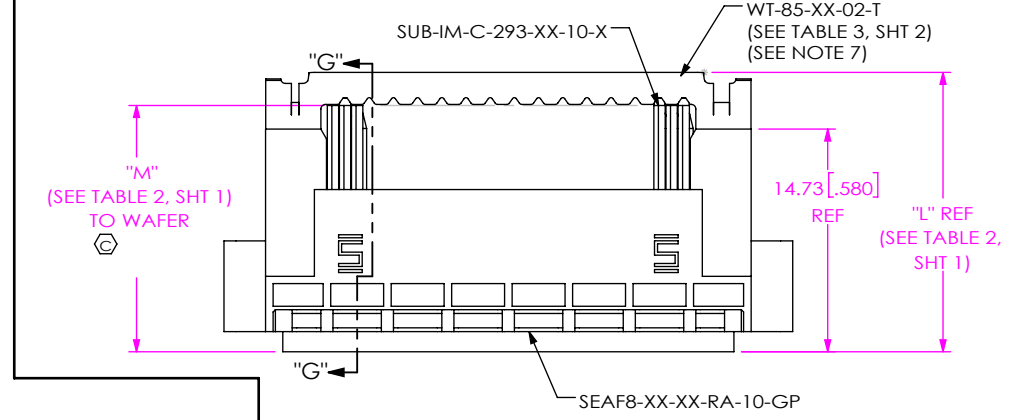
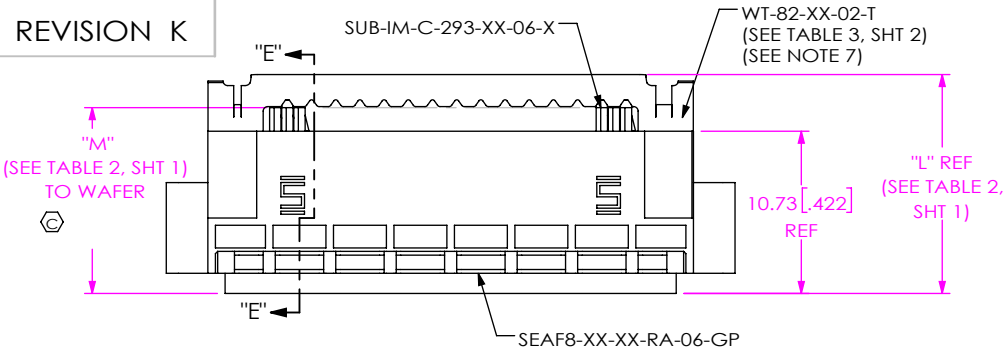
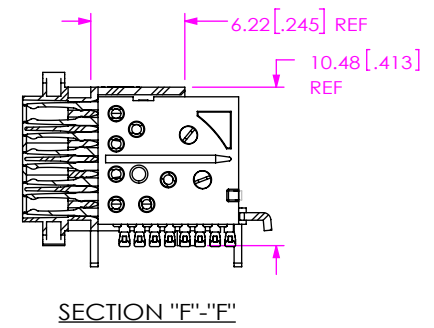
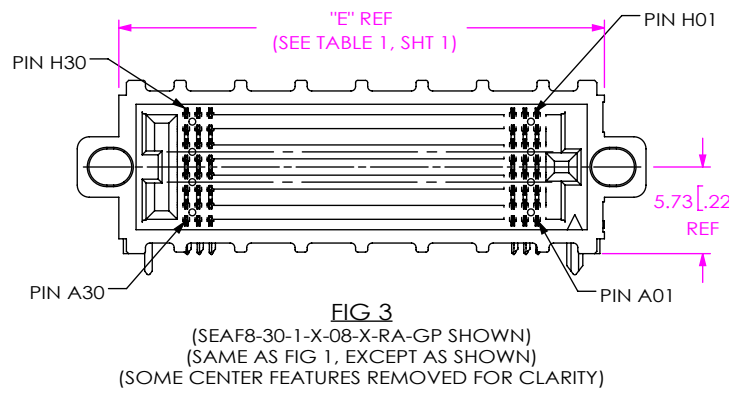
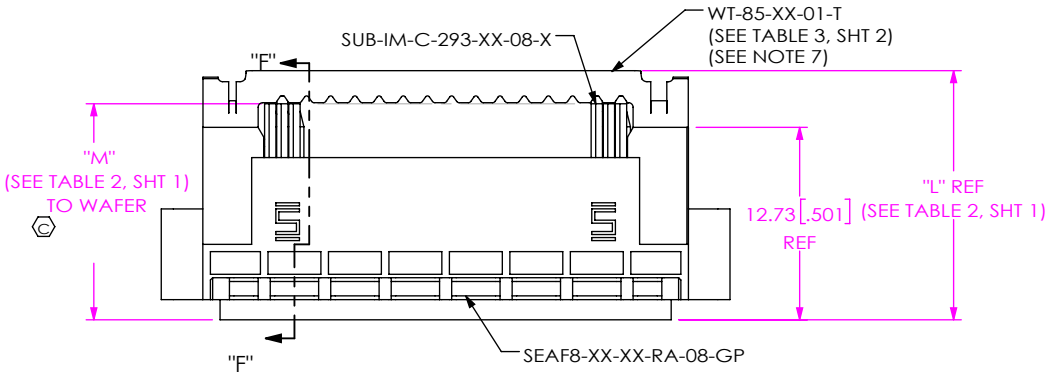


FIG 4  
(SEAF8-30-1-X-10-X-RA-GP SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)



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DWG. NO.  
SEAF8-XX-X-X-XX-X-RA-XX-XX  
BY: KNOWLDEN 7/9/2013 SHEET 3 OF 4

NO GUIDE POST VERSION

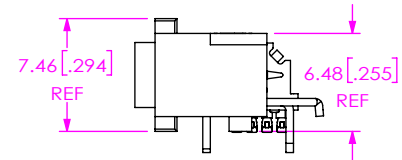
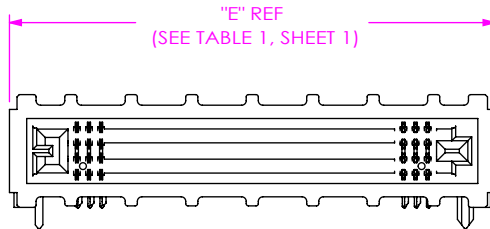
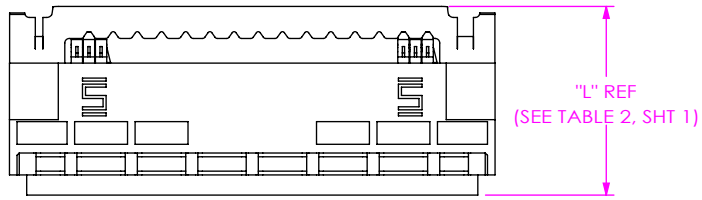


FIG 5  
 (SEAF8-30-1-X-04-X-RA SHOWN)  
 (SAME AS FIG 1, EXCEPT AS SHOWN)  
 (SOME CENTER FEATURES REMOVED FOR CLARITY)

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