

| TABLE 3 | | | | |
|-----------------|--------|--------|--------|--------|
| STACK HEIGHT | | | | |
| SEAM LEAD STYLE | -05.0 | -06.0 | -06.5 | -07.5 |
| -02.0 | 7mm | 8mm | 8.5mm | 9.5mm |
| -03.0 | 8mm | 9mm | 9.5mm | 10.5mm |
| -03.5 | 8.5mm | 9.5mm | 10mm | 11mm |
| -05.5 | NA | NA | 12mm | NA |
| -06.5 | 11.5mm | 12.5mm | 13mm | 14mm |
| -07.0 | 12mm | 13mm | 13.5mm | 14.5mm |
| -09.0 | 14mm | 15mm | 15.5mm | 16.5mm |
| -11.0 | 16mm | 17mm | 17.5mm | 18.5mm |
| *-13.0 | 18mm | 19mm | 19.5mm | 20.5mm |

(* = NOT TOOLED)

| TABLE 5 | | | | |
|------------|---------------|-------------------|---------------|-------------------|
| LEAD STYLE | "K" | | "L" | |
| -02.0 | .0530 - .0590 | [1.346] - [1.499] | .0470 - .0410 | [1.194] - [1.041] |
| -03.0 | .0530 - .0620 | [1.346] - [1.575] | .0470 - .0380 | [1.194] - [0.965] |
| -03.5 | .0530 - .0645 | [1.346] - [1.638] | .0470 - .0355 | [1.194] - [0.902] |
| -05.5 | .0530 - .0645 | [1.346] - [1.638] | .0470 - .0355 | [1.194] - [0.902] |

| TABLE 6 | | | | | | |
|------------|---------------|---------------|-----|-----------------|-----------------|---------------|
| No. OF POS | "A" | "B" | "C" | "D" | "E" | "F" |
| □ -10 | .696 [17.68] | .622 [15.80] | 9 | .4500 [11.430] | .4500 [11.430] | .641 [16.28] |
| ⊠ -15 | .946 [24.03] | .872 [22.15] | 14 | .7000 [17.780] | .7000 [17.780] | .891 [22.63] |
| ** -19 | 1.146 [29.11] | 1.072 [27.23] | 18 | .9000 [22.860] | .9000 [22.860] | 1.091 [27.71] |
| -20 | 1.196 [30.38] | 1.122 [28.50] | 19 | .9500 [24.130] | .9500 [24.130] | 1.141 [28.98] |
| ▤ -25 | 1.446 [36.73] | 1.372 [34.85] | 24 | 1.2000 [30.480] | 1.2000 [30.480] | 1.391 [35.33] |
| -30 | 1.696 [43.08] | 1.622 [41.20] | 29 | 1.4500 [36.830] | 1.4500 [36.830] | 1.641 [41.68] |
| -40 | 2.196 [55.78] | 2.122 [53.90] | 39 | 1.9500 [49.530] | 1.9500 [49.530] | 2.141 [54.38] |
| -50 | 2.696 [68.48] | 2.622 [66.60] | 49 | 2.4500 [62.230] | 2.4500 [62.230] | 2.641 [67.08] |

| TABLE 7 | | | |
|---|---------------|--------------|--------------|
| LEAD STYLE | 10-30 POS. | 40 POS. | 50 POS. |
| -02.0, -03.0, -03.5, -05.5, -06.5, -07.0, -09.0, *-13.0 | .006 [0.152] | .009 [0.229] | .009 [0.229] |
| -11.0 | .0085 [0.216] | | |

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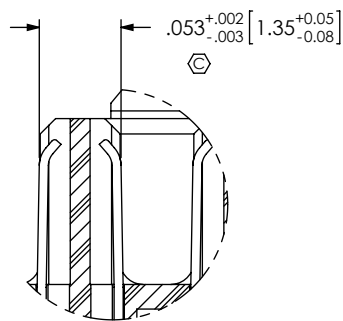
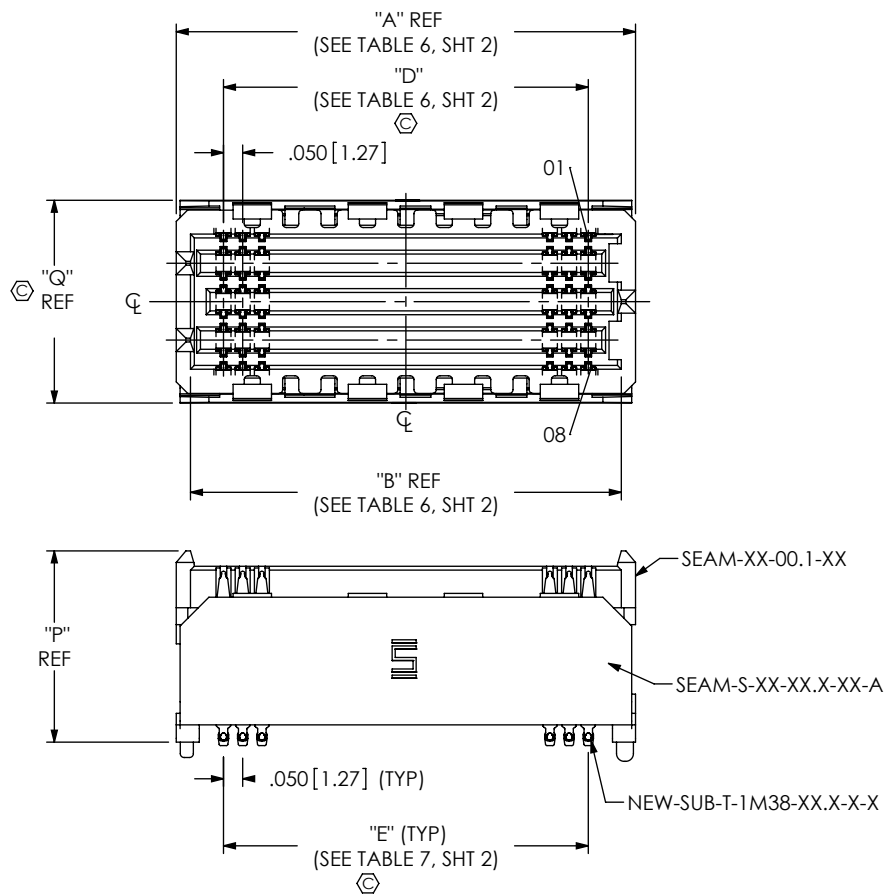
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.
SEAM-XX-XX.X-XX-XX-X-A-XX-K-TR

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FIG 2
-06.5 THRU -13.0 LEAD STYLES
(SEAM-20-09.0-XX-08-1-A SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)



DETAIL 'D'
SCALE 8:1

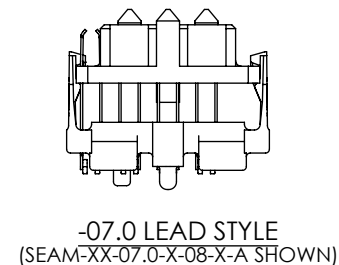
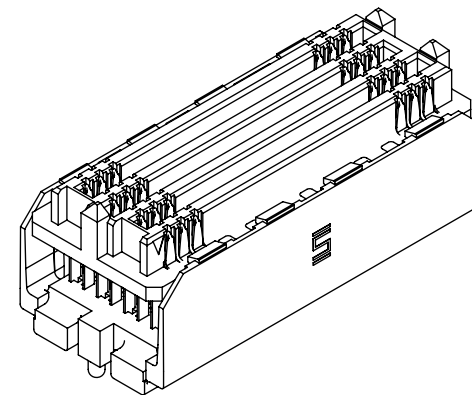
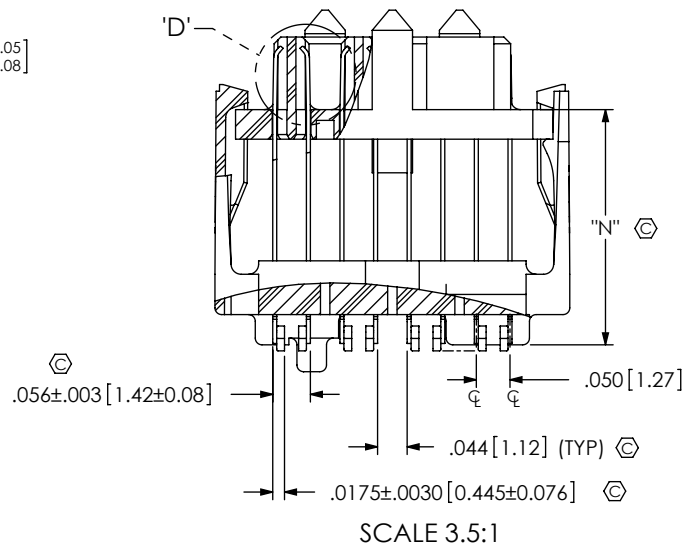


TABLE 8

| ROW | STYLE | "N" | "P" | "Q" | SPACER BODY | TOP BODY | TERMINAL |
|-----|--------|--------------|--------------|--------------|---------------------|-----------------|-------------------------|
| -04 | -07.0 | .271 [6.88] | .417 [10.59] | .328 [8.33] | SEAM-S-XX-07.0-04-A | SEAM-XX-00.1-04 | NEW-SUB-T-1M38-07.0-X-X |
| | -09.0 | .350 [8.89] | .496 [12.60] | .328 [8.33] | SEAM-S-XX-09.0-04-A | SEAM-XX-00.1-04 | NEW-SUB-T-1M38-09.0-X-X |
| | -11.0 | .429 [10.90] | .575 [14.61] | .328 [8.33] | SEAM-S-XX-11.0-04-A | SEAM-XX-00.1-04 | NEW-SUB-T-1M38-11.0-X-X |
| -05 | -07.0 | .271 [6.88] | .417 [10.59] | .428 [10.87] | SEAM-S-XX-07.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-07.0-X-X |
| | -09.0 | .350 [8.89] | .496 [12.60] | .428 [10.87] | SEAM-S-XX-09.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-09.0-X-X |
| | -11.0 | .429 [10.90] | .575 [14.61] | .428 [10.87] | SEAM-S-XX-11.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-11.0-X-X |
| | *-13.0 | .508 [12.90] | .654 [16.61] | .428 [10.87] | SEAM-S-XX-13.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-13.0-X-X |
| -06 | -07.0 | .271 [6.88] | .417 [10.59] | .428 [10.87] | SEAM-S-XX-07.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-07.0-X-X |
| | -09.0 | .350 [8.89] | .496 [12.60] | .428 [10.87] | SEAM-S-XX-09.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-09.0-X-X |
| | -11.0 | .429 [10.90] | .575 [14.61] | .428 [10.87] | SEAM-S-XX-11.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-11.0-X-X |
| | *-13.0 | .508 [12.90] | .654 [16.61] | .428 [10.87] | SEAM-S-XX-13.0-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-13.0-X-X |
| -08 | -06.5 | .252 [6.40] | .400 [10.16] | .528 [13.41] | SEAM-S-XX-06.5-08-A | SEAM-XX-00.1-08 | NEW-SUB-T-1M38-06.5-X-X |
| | -07.0 | .271 [6.88] | .417 [10.59] | .528 [13.41] | SEAM-S-XX-07.0-08-A | SEAM-XX-00.1-08 | NEW-SUB-T-1M38-07.0-X-X |
| | -09.0 | .350 [8.89] | .496 [12.60] | .528 [13.41] | SEAM-S-XX-09.0-08-A | SEAM-XX-00.1-08 | NEW-SUB-T-1M38-09.0-X-X |
| | -11.0 | .429 [10.90] | .575 [14.61] | .528 [13.41] | SEAM-S-XX-11.0-08-A | SEAM-XX-00.1-08 | NEW-SUB-T-1M38-11.0-X-X |
| -10 | *-13.0 | .508 [12.90] | .654 [16.61] | .528 [13.41] | SEAM-S-XX-13.0-08-A | SEAM-XX-00.1-08 | NEW-SUB-T-1M38-13.0-X-X |
| | -06.5 | .252 [6.40] | .400 [10.16] | .628 [15.95] | SEAM-S-XX-06.5-10-A | SEAM-XX-00.1-10 | NEW-SUB-T-1M38-06.5-X-X |
| | -07.0 | .271 [6.88] | .417 [10.59] | .628 [15.95] | SEAM-S-XX-07.0-10-A | SEAM-XX-00.1-10 | NEW-SUB-T-1M38-07.0-X-X |
| | -09.0 | .350 [8.89] | .496 [12.60] | .628 [15.95] | SEAM-S-XX-09.0-10-A | SEAM-XX-00.1-10 | NEW-SUB-T-1M38-09.0-X-X |
| | -11.0 | .429 [10.90] | .575 [14.61] | .628 [15.95] | SEAM-S-XX-11.0-10-A | SEAM-XX-00.1-10 | NEW-SUB-T-1M38-11.0-X-X |
| | *-13.0 | .508 [12.90] | .654 [16.61] | .628 [15.95] | SEAM-S-XX-13.0-10-A | SEAM-XX-00.1-10 | NEW-SUB-T-1M38-13.0-X-X |

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.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.

SEAM-XX-XX.X-XX-XX-X-A-XX-K-TR

BY: BRATCHER 08-09-2010

SHEET 3 OF 7

FIG 3
-04: 4 ROW
(SEAM-20-02.0-XX-04-1-A SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

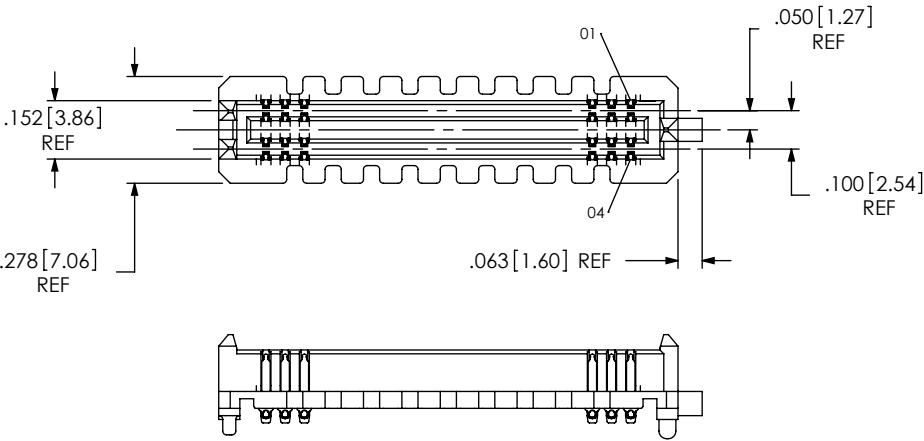


FIG 4
-10: 10 ROW
(SEAM-20-02.0-XX-10-1-A SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

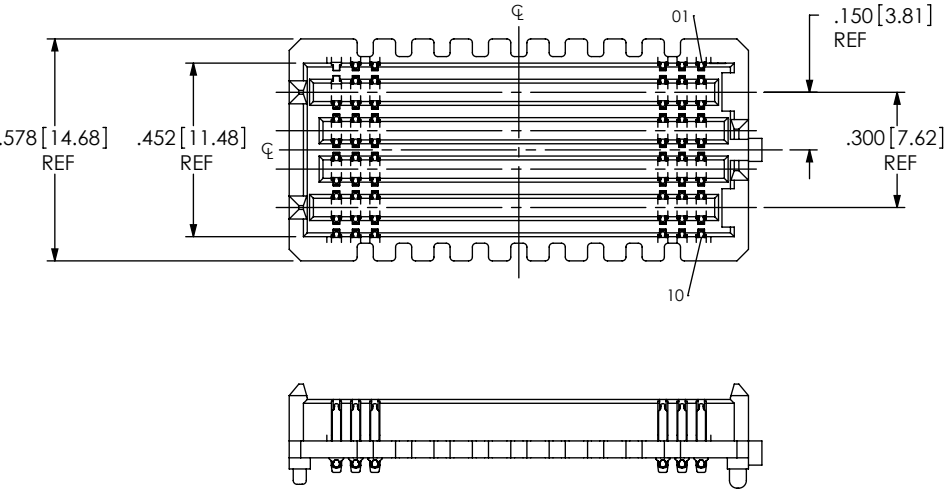


TABLE 9

| ROW | Ø "R" | "S" | | | | | | | | "T" |
|----------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|-------------|
| | | □ 10 POS | ⊠ 15 POS | ** 19 POS | 20 POS | ▤ 25 POS | 30 POS | 40 POS | 50 POS | |
| -04 | .236 [6.00] | .230 [5.84] | .355 [9.01] | .455 [11.55] | .480 [12.19] | .605 [15.36] | .730 [18.54] | .980 [24.89] | 1.230 [31.24] | .021 [0.53] |
| -05, -06 | .236 [6.00] | .230 [5.84] | .355 [9.02] | .455 [11.56] | .480 [12.19] | .605 [15.37] | .730 [18.54] | .980 [24.89] | 1.230 [31.24] | .071 [1.80] |
| -08 | .325 [8.25] | .186 [4.71] | .222 [5.65] | .411 [10.43] | .436 [11.06] | .561 [14.24] | .686 [17.41] | .936 [23.76] | 1.186 [30.11] | .076 [1.93] |
| -10 | .404 [10.25] | .146 [3.71] | .271 [6.89] | .371 [9.43] | .396 [10.06] | .521 [13.24] | .646 [16.41] | .896 [22.76] | 1.146 [29.11] | .087 [2.21] |

TABLE 10

| LEAD STYLE | "U" |
|------------|--------------|
| -02.0 | .186 [4.72] |
| -03.0 | .225 [5.72] |
| -03.5 | .245 [6.22] |
| -05.5 | .324 [8.23] |
| -06.5 | .365 [9.27] |
| -07.0 | .382 [9.70] |
| -09.0 | .461 [11.71] |
| -11.0 | .540 [13.72] |
| *-13.0 | .619 [15.72] |

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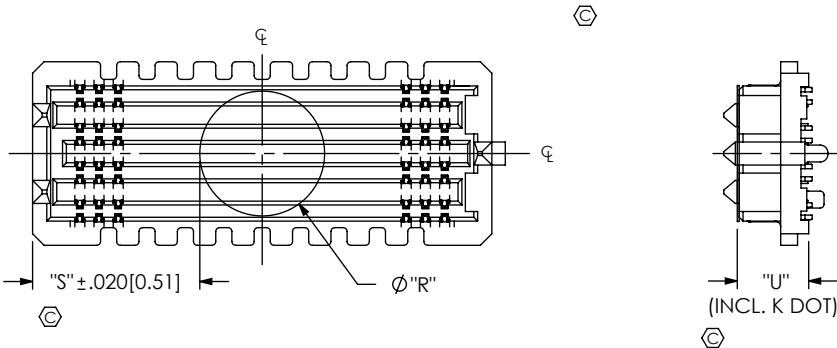


FIG 5
-K: K DOT
(SEAM-20-02.0-XX-08-1-A-K SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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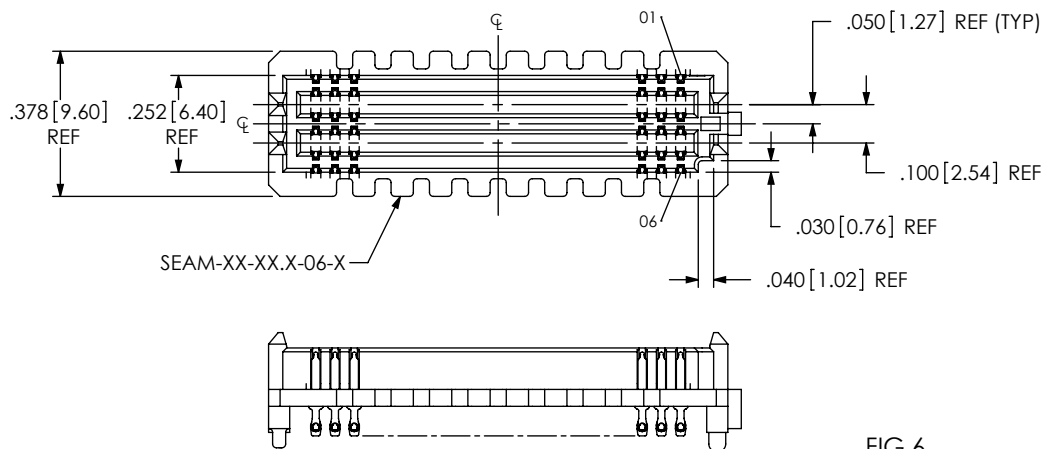


FIG 6
-06: 6 ROWS
(SEAM-20-03.0-XX-06-1-A SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

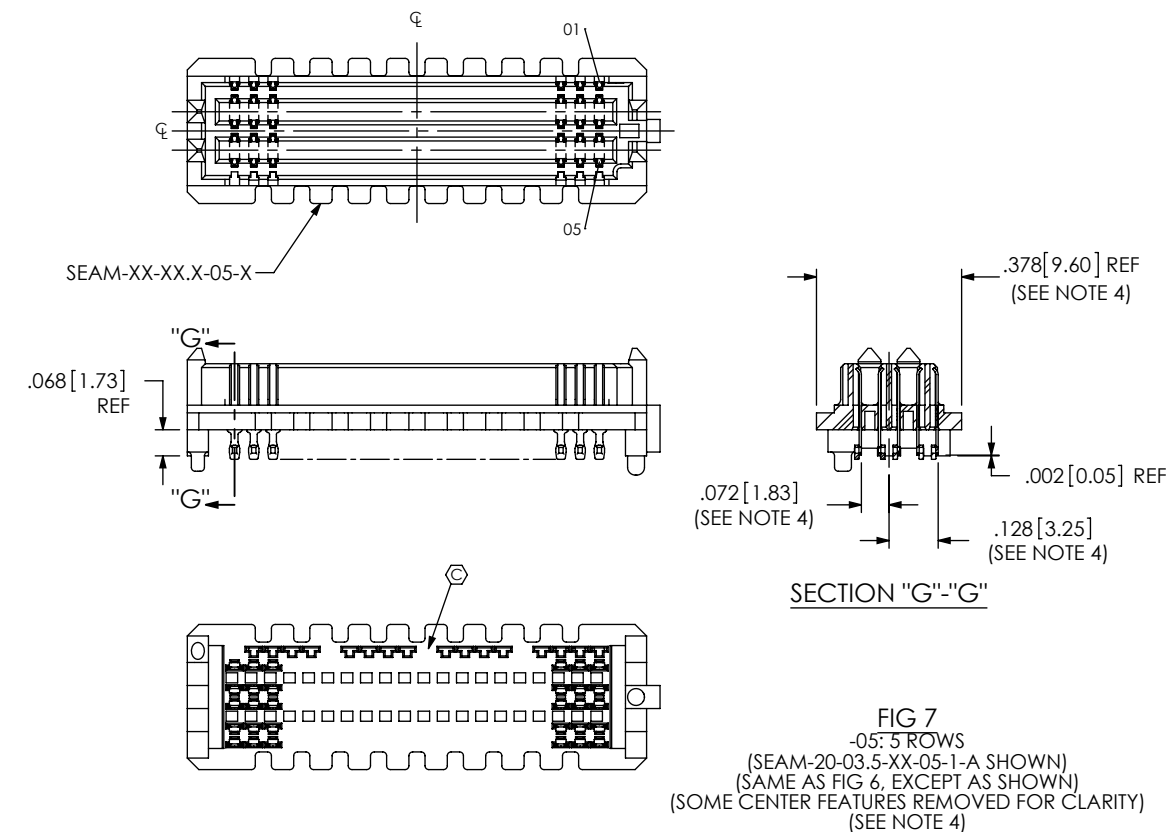
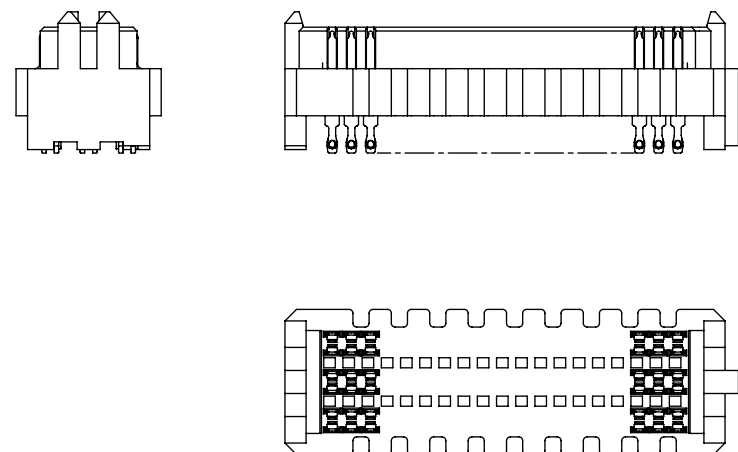
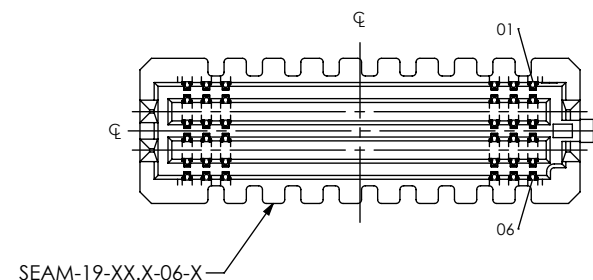


FIG 7
-05: 5 ROWS
(SEAM-20-03.5-XX-05-1-A SHOWN)
(SAME AS FIG 6, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(SEE NOTE 4)

FIG 8
-19: 19 POSITIONS
(SEAM-19-05.5-XX-06-1 SHOWN)
(ONLY AVAILABLE IN -06 ROW WITH -03.5 OR -05.5 LEAD STYLE)
(SAME AS FIG 6, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(SEE NOTE 12)




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| <p>BY: BRATCHER 08-09-2010</p> | | <p>SHEET 5 OF 7</p> |

FIG 9

-GP: GUIDE POST OPTION

(ONLY AVAILABLE WITH -02.0 LEAD STYLE, 20, 30, 40, & 50 POSITIONS)

(MATES WITH SEAF RIGHT ANGLE ONLY)
(25.11.2020) (2.11.2020)

(SEAM-20-02.0-XX-06-1-A-GP SHOWN)

(SAME AS FIG 1, EXCEPT AS SHOWN)
15 CENTER FEATURES REMOVED FOR CL

(SOME CENTER FEATURES REMOVED FOR CLARITY)

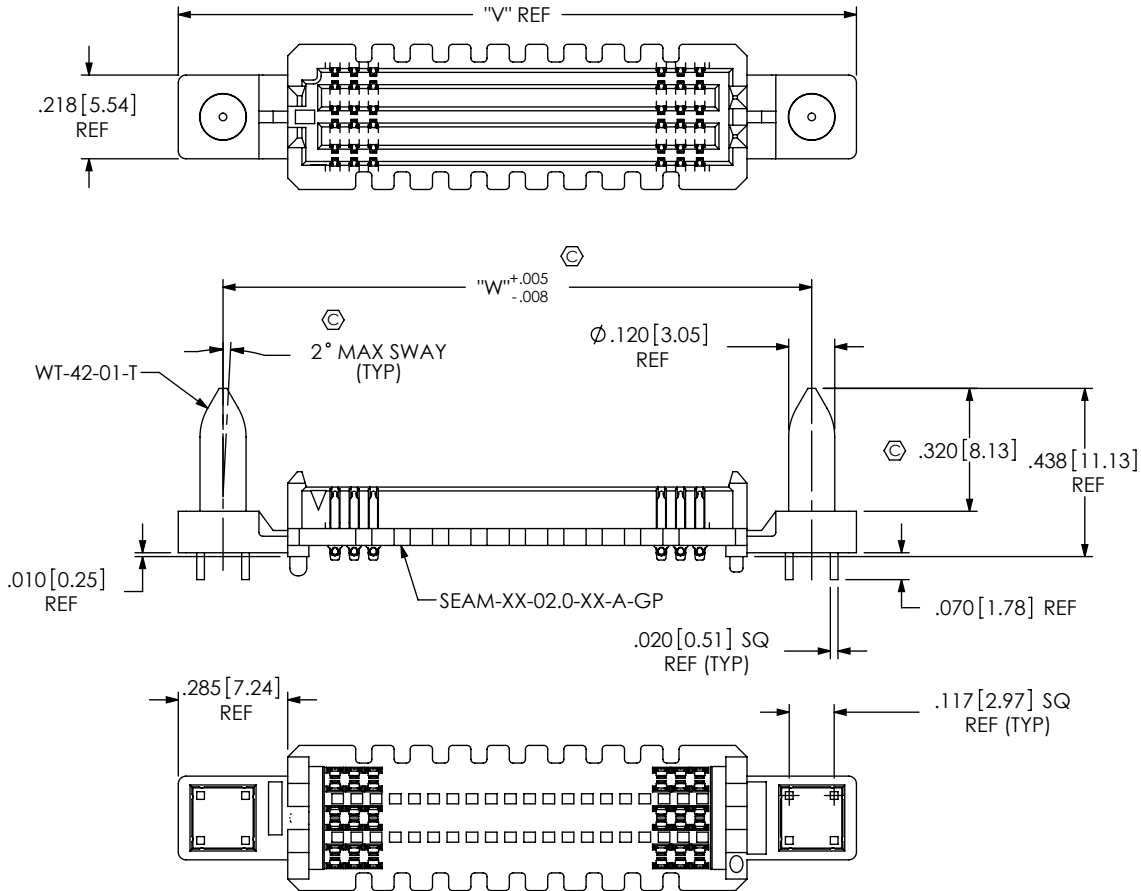


TABLE 10

| POSITIONS | "V" | "W" |
|-----------|---------------|---------------|
| -20 | 1.766 [44.86] | 1.533 [38.94] |
| -30 | 2.266 [57.56] | 2.033 [51.64] |
| -40 | 2.766 [70.26] | 2.533 [64.34] |
| -50 | 3.266 [82.96] | 3.033 [77.04] |

FIG 10

-EP: EXTENDED GUIDE POST OPTION

(ONLY AVAILABLE WITH -02.0 & -03.5 LEAD STYLES,
20, 30, 40, & 50 POSITIONS)

(SEAM-20-03.5-XX-06-1-A-EP SHOWN)

(SAME AS FIG 9, EXCEPT AS SHOWN)

(SOME CENTER FEATURES REMOVED FOR CLARITY)

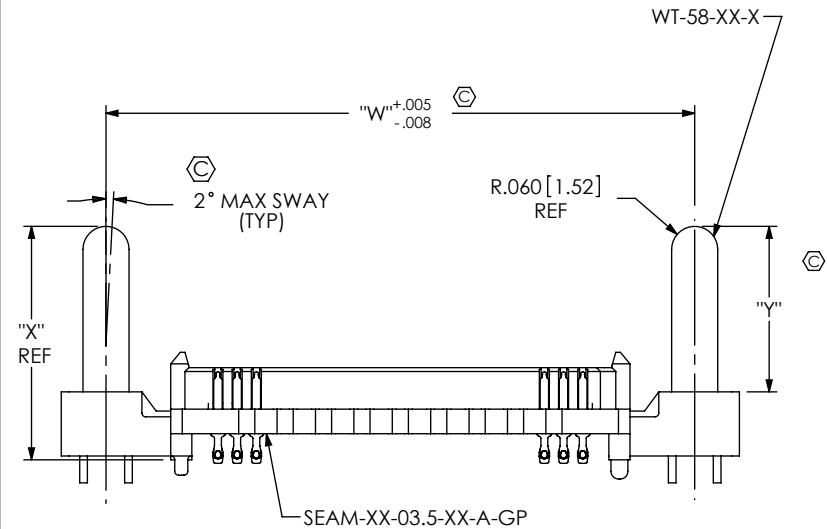


TABLE 11

| LEAD STYLE | "X" | "Y" | GUIDE POST |
|------------|--------------|--------------|------------|
| -02.0 | .549 [13.94] | .372 [9.45] | WT-58-01-T |
| -03.5 | .608 [15.44] | .431 [10.95] | WT-58-02-T |

TABLE 12

-EP STACK HEIGHTS

| | | |
|--------------------|--------------------|-----------------|
| SEAM LEAD STYLE | SEAF LEAD STYLE | STACK HEIGHT |
| -02.0 | -05.0 | 7MM |
| -03.5 | -06.5 | 10MM |

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| |
|--------------|
| DESCRIPTION: |
|--------------|

.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.

SEAM-XX-XX.X-XX-XX-X-A-XX-K-TR

| | |
|-------------------------|--------------|
| BY: BRATCHER 08-09-2010 | SHEET 6 OF 7 |
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| | BY: BRATCHER 08-09-2010 | SHEET 7 OF 7 |