

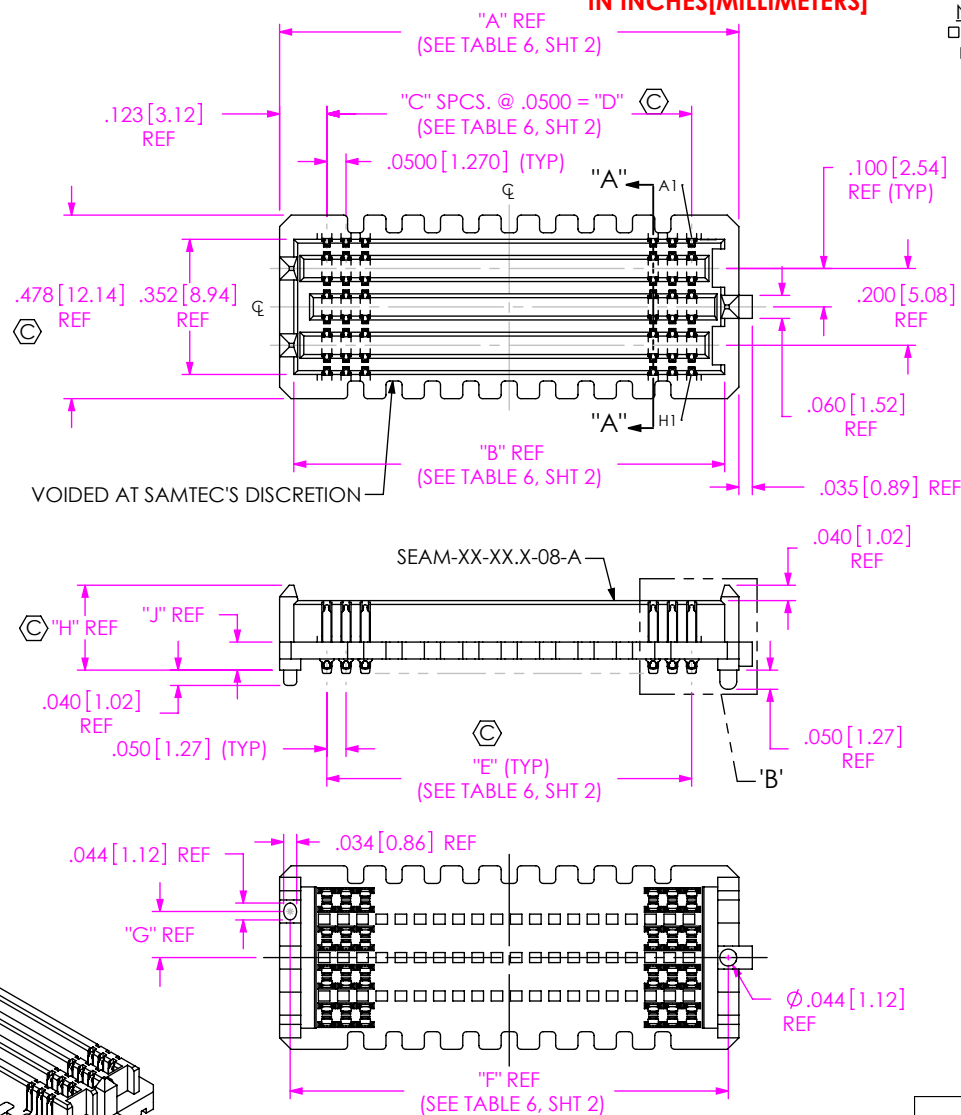
DO NOT  
SCALE FROM  
THIS PRINTDESIGNED & DIMENSIONED  
IN INCHES[MILLIMETERS]

FIG 1  
-08: 8 ROW  
(SEAM-30-02.0-XXX-08-1-A-XX-K-XR SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

## NOTES:

1.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 0.50 LBS.
3. NOTE DELETED.
4. 5 ROW SOLDER TAILS ARE NOT SYMMETRICAL WITH BODY WIDTH (.378[9.60] SEE FIG 7, SHT 5).
5. WHEN APPLICABLE, DIMENSION C12 MUST BE MEASURED USING THE SPECIFIED INSPECTION FIXTURE FOUND IN THE CO-AU-WI-2003-M SEAX CONTACT INSERTION DEPTH INSPECTION FIXTURE DOCUMENT.
6. WITHOUT -A AVAILABLE FOR EXISTING CUSTOMERS ONLY AS OF REVISION AD.
- 7-9. NOTE DELETED.
10. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
11. SOLDER CHARGE VOLUME IS  $0.891 \times 10^{-4}$  IN  $\Delta^3$  REF.
12. NOTE DELETED.
13. MEASURED FIRST AND LAST POSITIONS ONLY, ALL ROWS.
14. THESE OPTIONS AVAILABLE AS ASO (APPLICATION SPECIFIC OPTIONS) ONLY. PLEASE CONTACT SAMTEC FOR MORE INFORMATION.
15. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
16. NOTE DELETED.

## SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR

## No OF POSITIONS

$\square$ -10,  $\boxtimes$ -15,  $**$ -19 -20,  
 $\triangle$ -25, -30, -40, -50  
(PER ROW)

## LEAD STYLE

-02.0 (SEE TABLE 1)  
-03.0 (SEE TABLE 1)  
-03.5 (SEE TABLE 1)  
\*\*\*\*-06.5 (SEE TABLE 8, SHT 3)  
-07.0 (SEE TABLE 8, SHT 3)  
-09.0 (SEE TABLE 8, SHT 3)  
-11.0 (SEE TABLE 8, SHT 3)  
\*-13.0 (SEE TABLE 8, SHT 3)

## PLATING SPECIFICATION

-L: 10 $\mu$ " LIGHT GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-LEAD STYLE -02.0 THRU-03.5:  
USE NEW-SUB-T-1M36-XX-X-L-X)  
-LEAD STYLE -06.5 THRU-13.0:  
USE NEW-SUB-T-1M38-XX-X-L-X)  
-SM: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-LEAD STYLE -02.0 THRU-03.5:  
USE NEW-SUB-T-1M36-XX-X-S-X)  
-LEAD STYLE -06.5 THRU-13.0:  
USE NEW-SUB-T-1M38-XX-X-S-X)  
-S: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-LEAD STYLE -02.0 THRU-03.5:  
USE NEW-SUB-T-1M36-XX-X-S-X)  
-LEAD STYLE -06.5 THRU-13.0:  
USE NEW-SUB-T-1M38-XX-X-S-X)  
-STL: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD(90/10 $\pm$ 5%) ON TAIL  
-LEAD STYLE -02.0 THRU-03.5:  
USE NEW-SUB-T-1M36-XX-X-STL-X)  
-LEAD STYLE -06.5 THRU-13.0:  
USE NEW-SUB-T-1M38-XX-X-STL-X)  
(-STL PLATING NOT AVAILABLE WITH -GP OPTION)  
-P: SELECTIVE GOLD FLASH (3 $\mu$ )  
AND PALLADIUM NICKEL(30 $\mu$ ) IN CONTACT AREA.  
MATTE TIN ON TAIL (USE NEW-SUB-T-1M36-XX-X-P-X  
AND PLATING OPTION AVAILABLE IN -02.0 LEAD STYLE  
BUT NOT TOOLED FOR -03.0, -03.5, -05.0 LEAD STYLES)

\* = NOT TOOLED

$\square$  = 10 POSITION ONLY AVAILABLE IN -04 ROW LEAD STYLES -02.0, -03.0, -03.5, -07.0, -09.0, -11.0.  
AVAILABLE IN -06 ROW LEAD STYLES -02.0, -03.0, -03.5

 $\boxtimes$  = ONLY AVAILABLE IN A 10 ROW;

4 ROW, -02.0 LEAD STYLE AVAILABLE

 $\triangle$  = ONLY AVAILABLE WITH -02.0 OR -03.5 LEAD STYLE & 4 ROW; -03.0 AVAILABLE

\*\* = ONLY AVAILABLE IN 6 ROW WITH -03.5 LEAD STYLE

\*\*\*\* = AVAILABLE IN 8 &amp; 10 ROWS, 4 ROW -40 POSITION.

■ = 14 ROW ONLY AVAILABLE IN -40 POSITION, -02.0 AND -03.5 BODY HEIGHTS.

## TAPE &amp; REEL (SEE NOTE 10 &amp; 15)

-TR: TAPE & REEL  
-FR: FULL REEL QTY TAPE & REEL

## K DOT

(SEE FIG 10, SHT 7)  
DOT APPLICATOR-KAPTON TAPE.

## OPTION

-GP: GUIDE POST  
(SEE FIG. 9, SHT 6)  
(ONLY AVAILABLE WITH -02.0 LEAD STYLE, 20, 30, 40, & 50 POSITION)

ALIGNMENT PIN  
(SEE NOTE 6)

## SOLDER COMPOSITION &amp; STYLE

-1: 63% TIN / 37% LEAD

**CHARGE TAIL**

(USE NEW-T-1M3X-XX-X-XXX-1)

-2: 95.5% TIN / 3.8% SILVER / .7% COPPER

**CHARGE TAIL**

(USE NEW-T-1M3X-XX-X-XXX-2)

## ROW

-04: 4 ROWS (SEE FIG 3, SHT 4)

(NOT AVAILABLE IN -13.0 LEAD STYLE)

-05: 5 ROWS (SEE FIG 7, SHT 5) (SEE NOTE 14)

-06: 6 ROWS (SEE FIG 6, SHT 5)

-08: 8 ROWS (SEE FIG 1)

-10: 10 ROWS (SEE FIG 4, SHT 4)

■-14: 14 ROWS (SEE FIG 5, SHT 4)

TABLE 2

| No. OF ROWS | "G"         |
|-------------|-------------|
| -04         | .079 [2.01] |
| -05, -06    | .120 [3.05] |
| -08         | .120 [3.05] |
| -10         | .120 [3.05] |
| -14         | .120 [3.05] |

TABLE 1

| STYLE | "H"         | "J"         | BODY CALLOUT      | TERMINAL                  |
|-------|-------------|-------------|-------------------|---------------------------|
|       |             |             |                   | SOLDER CHARGE TAIL        |
| -02.0 | .221 [5.61] | .073 [1.85] | SEAM-XX-02.0-XX-X | NEW-SUB-T-1M36-02.0-XXX-X |
| -03.0 | .260 [6.60] | .112 [2.84] | SEAM-XX-03.0-XX-X | NEW-SUB-T-1M36-03.0-XXX-X |
| -03.5 | .280 [7.11] | .132 [3.35] | SEAM-XX-03.5-XX-X | NEW-SUB-T-1M36-03.5-XXX-X |

(SEE SHEET 3 FOR LEAD STYLES -06.5 THRU -13.0)

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX:  $\pm$ .01 [0.3] 2°  
.XXX:  $\pm$ .005 [0.13]  
.XXXX:  $\pm$ .0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 2:1

INSULATOR: LCP, COLOR: BLACK, UL 94 V-0  
TERMINAL: COPPER ALLOY

DESCRIPTION:

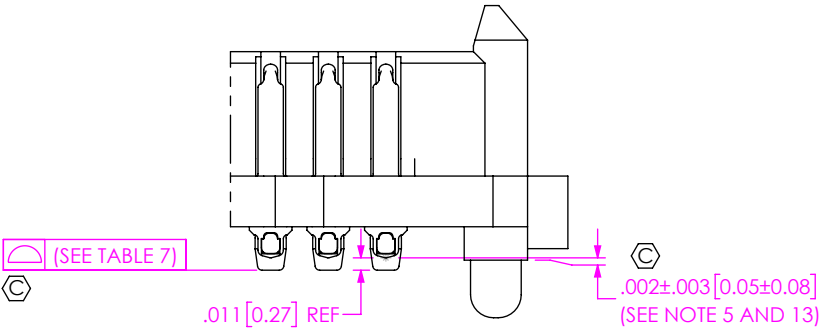
.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.

SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR

BY: BRATCHER 08-09-2010

SHEET 1 OF 7

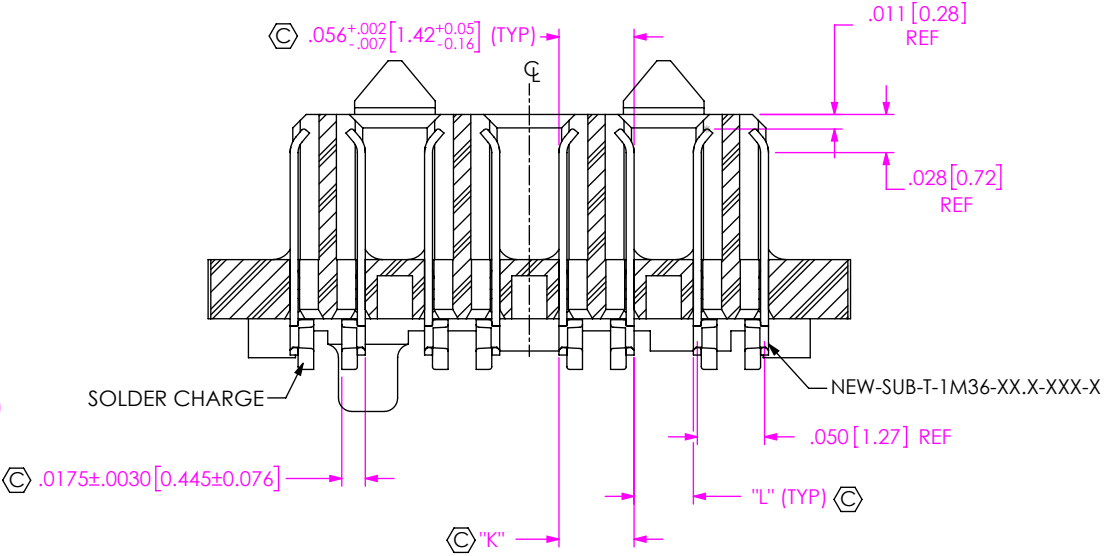


DETAIL 'B'  
SCALE 7 : 1

| TABLE 3         |                 |        |        |        |
|-----------------|-----------------|--------|--------|--------|
| STACK HEIGHT    |                 |        |        |        |
| SEAM LEAD STYLE | SEAF 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   |
| -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 |

| TABLE 7   |               |              |              |
|---|---------------|--------------|--------------|
| LEAD STYLE                                      | 10-30 POS.    | 40 POS.      | 50 POS.      |
| -02.0, -03.0, -03.5, -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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SECTION "A"-A"  
SCALE 4 : 1

| 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] |  |

| 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] |

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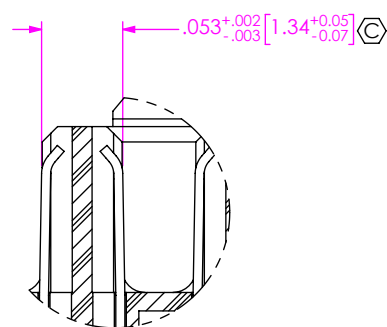
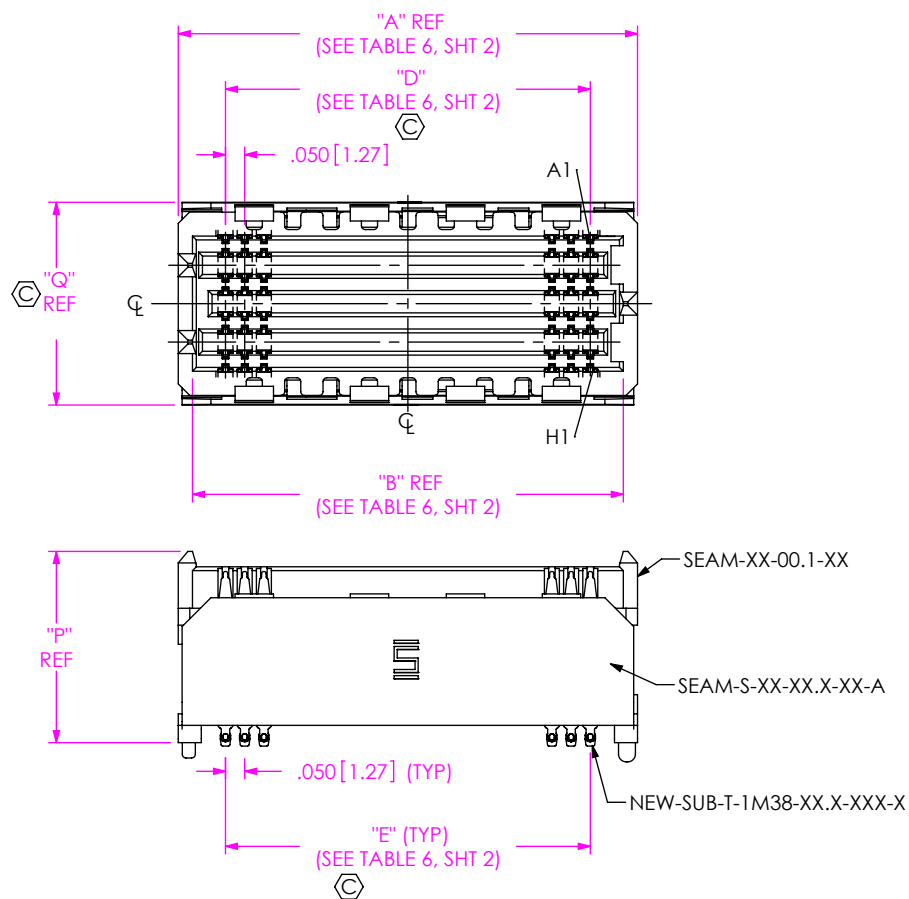
SHEET SCALE: 2:1



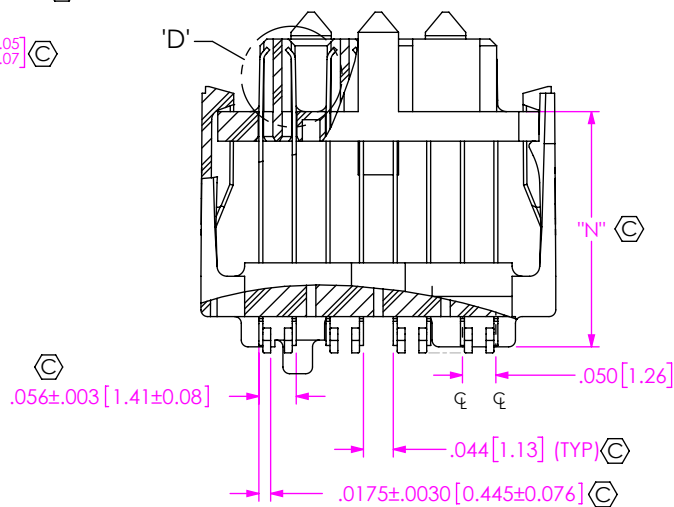
520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
.050 PITCH TERMINAL ARRAY ASSEMBLY  
DWG. NO.  
SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR  
BY: BRATCHER 08-09-2010 SHEET 2 OF 7

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

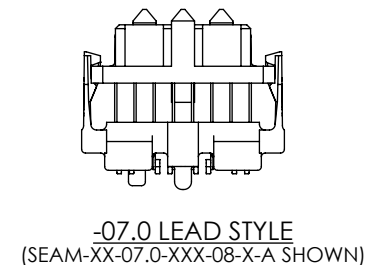
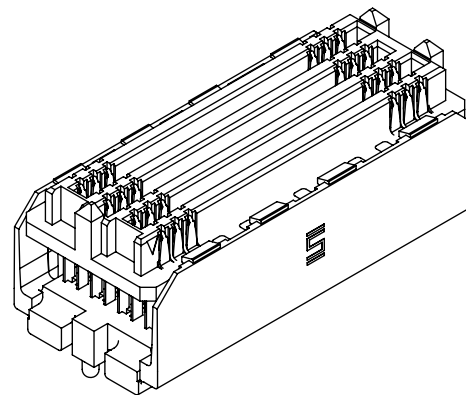


DETAIL 'D'  
 SCALE 8:1



SCALE 3.5:1

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| TABLE 8 |       |              |              |              |                     |                 |                           |  |
|---------|-------|--------------|--------------|--------------|---------------------|-----------------|---------------------------|--|
| ROW     | STYLE | "N"          | "P"          | "Q"          | SPACER BODY         | TOP BODY        | TERMINAL                  |  |
| -04     | -06.5 | .252 [6.40]  | .400 [10.16] | .328 [8.33]  | SEAM-S-XX-06.5-04-A | SEAM-XX-00.1-04 | NEW-SUB-T-1M38-06.5-XXX-X |  |
|         | -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-XXX-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-XXX-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-XXX-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-XXX-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-XXX-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-XXX-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-XXX-X |  |
| -06     | -06.5 | .252 [6.40]  | .400 [10.16] | .428 [10.87] | SEAM-S-XX-06.5-06-A | SEAM-XX-00.1-06 | NEW-SUB-T-1M38-06.5-XXX-X |  |
|         | -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-XXX-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-XXX-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-XXX-X |  |
| -08     | -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-XXX-X |  |
|         | -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-XXX-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-XXX-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-XXX-X |  |
| -10     | -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-XXX-X |  |
|         | -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-XXX-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-XXX-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-XXX-X |  |
| -10     | -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-XXX-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-XXX-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-XXX-X |  |

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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

DESCRIPTION:

.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.

SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR

BY: BRATCHER 08-09-2010

SHEET 3 OF 7

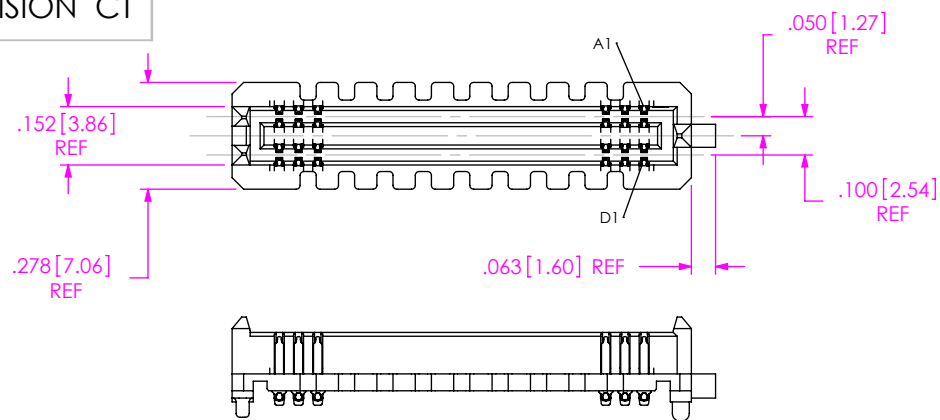


FIG 3  
-04: 4 ROW  
(SEAM-20-02.0-XXX-04-1-A-XR SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

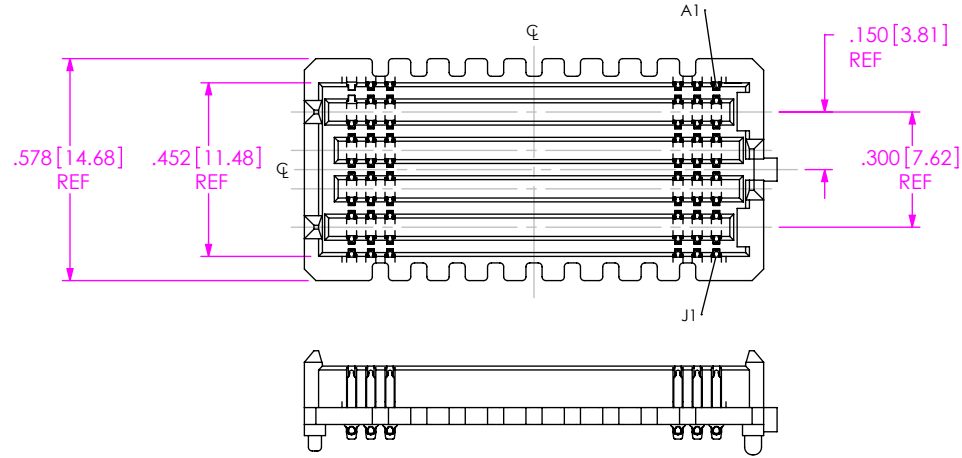


FIG 4  
-10: 10 ROW  
(SEAM-20-02.0-XXX-10-1-A-XR SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

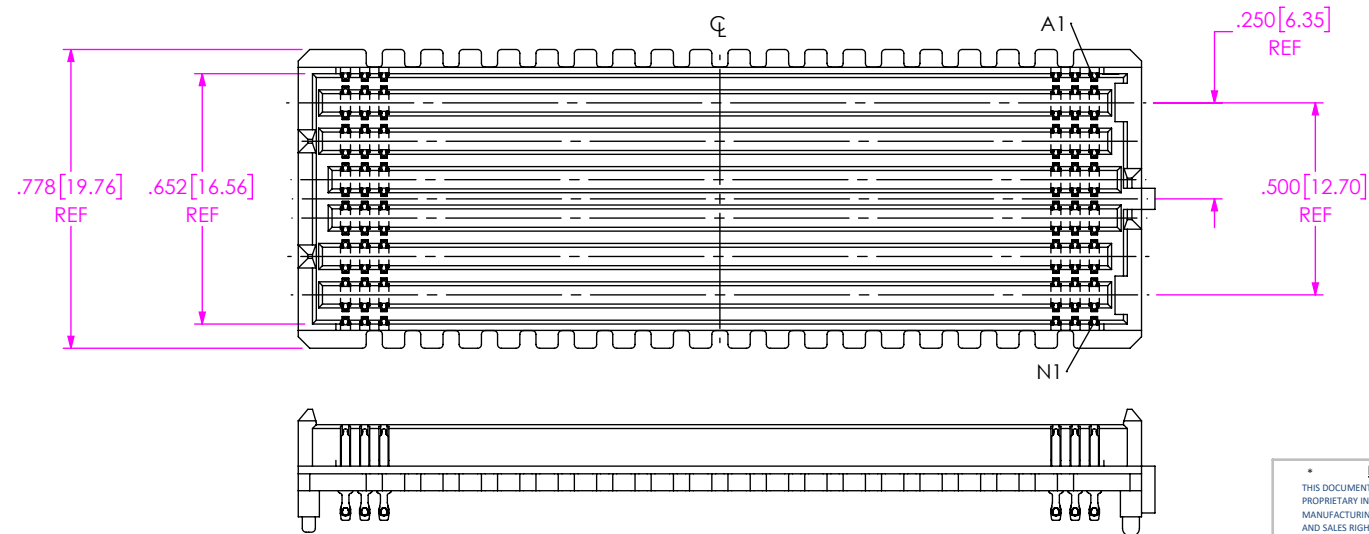


FIG 5  
-14: 14 ROW  
(SEAM-40-03.5-S-14-2-A-K-XR SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)  
(ONLY AVAILABLE IN 40 POSITION, -02.0 AND -03.5 BODY HEIGHTS)

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DO NOT SCALE DRAWING  
SHEET SCALE:2:1



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

DESCRIPTION:  
.050 PITCH TERMINAL ARRAY ASSEMBLY  
DWG. NO.  
SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR  
BY: BRATCHER 08-09-2010 SHEET 4 OF 7

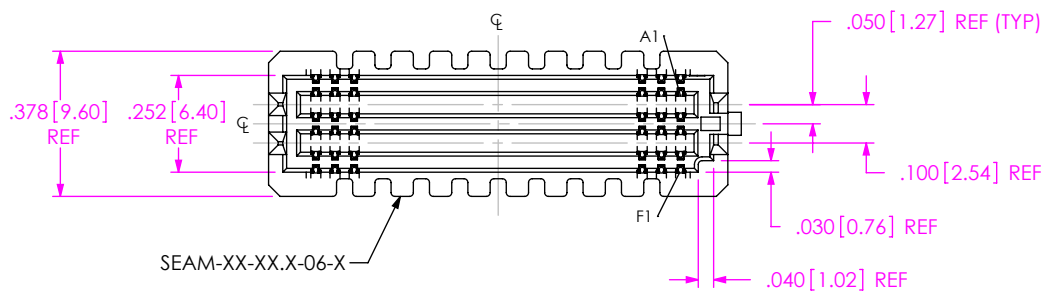
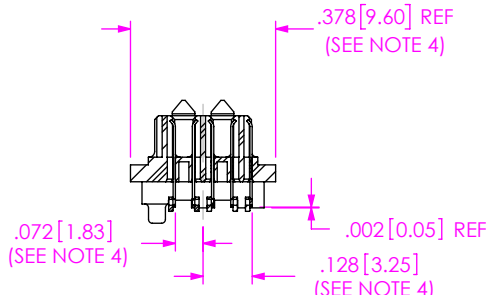
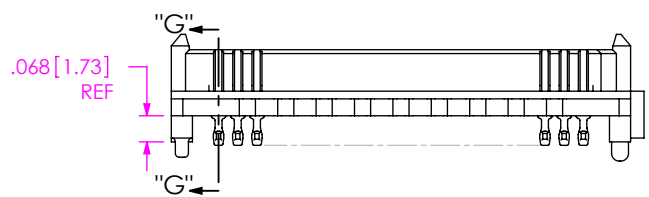
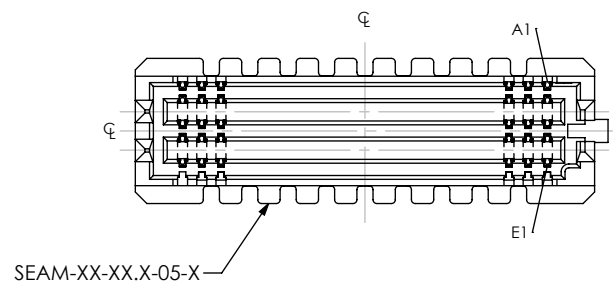


FIG 6  
-06: 6 ROWS  
(SEAM-20-03.0-XXX-06-1-A-XR SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)



SECTION "G"-"G"

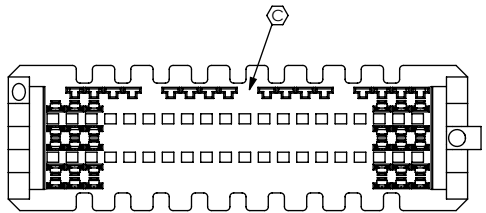


FIG 7  
-05: 5 ROWS  
(SEAM-20-03.5-XXX-05-1-A-XR SHOWN)  
(SAME AS FIG 6, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)  
(SEE NOTE 4)

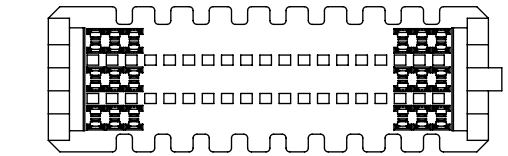
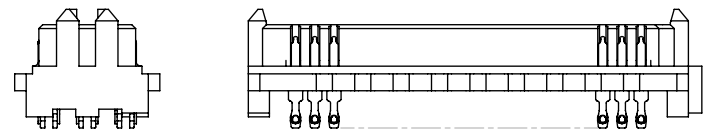
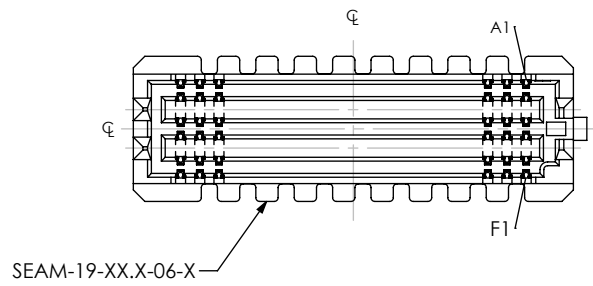


FIG 8  
-19: 19 POSITIONS  
(SEAM-19-03.5-XXX-06-1-XR SHOWN)  
(ONLY AVAILABLE IN -06 ROW WITH -03.5 LEAD STYLE)  
(SAME AS FIG 6, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

|   |  |
|---|--|
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|   | <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150<br/>PHONE: 812-944-6733 FAX: 812-948-5047<br/>e-Mail: info@SAMTEC.com code 55322</p> |
|   | <p>DESCRIPTION:<br/>.050 PITCH TERMINAL ARRAY ASSEMBLY</p>   |
|   | <p>DWG. NO.<br/>SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR</p>  |
| <p>BY: BRATCHER 08-09-2010</p>  | <p>SHEET 5 OF 7</p>  |

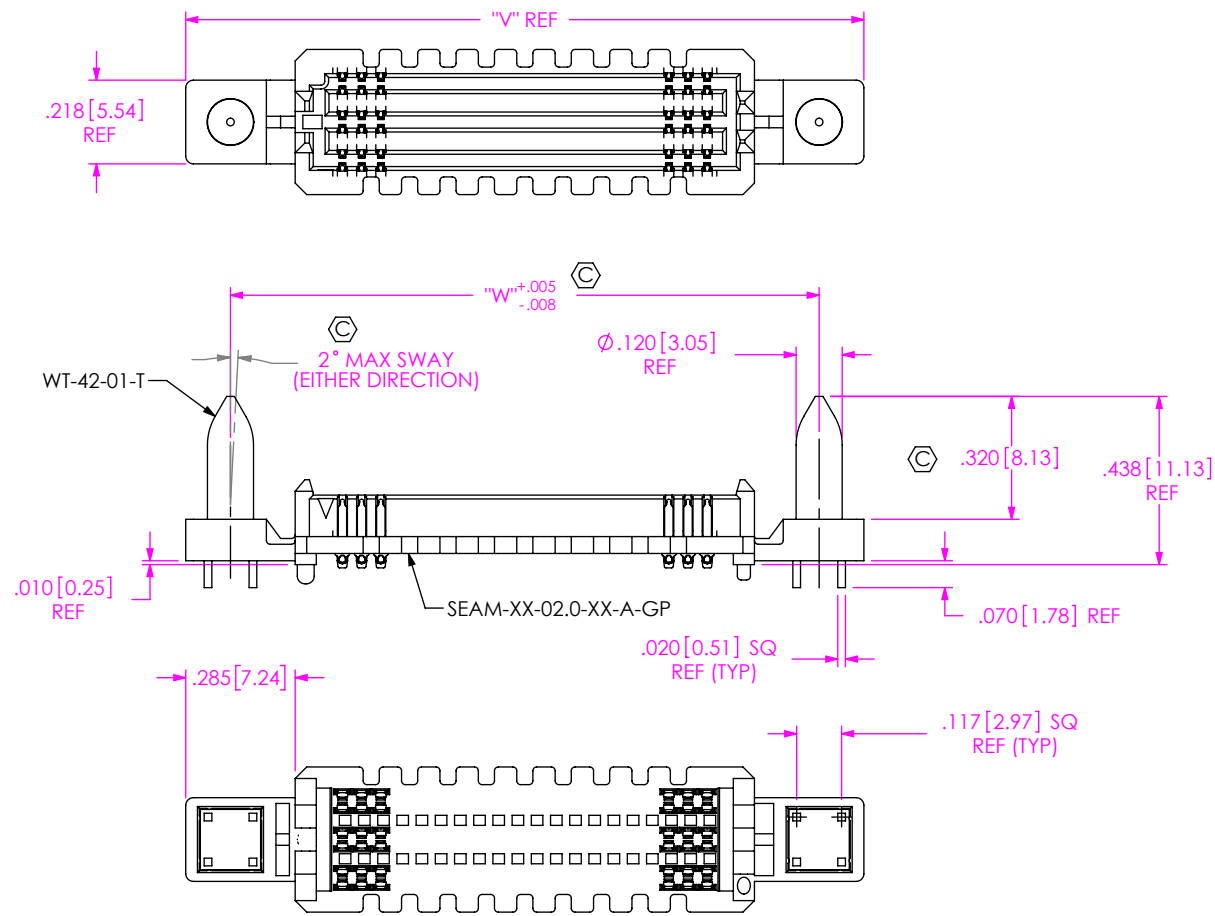


FIG 9  
-GP: GUIDE POST OPTION  
(ONLY AVAILABLE WITH -02.0 LEAD STYLE, 20, 30, 40, & 50 POSITIONS)  
(MATES WITH SEAF RIGHT ANGLE ONLY)  
(SEAM-20-02.0-XXX-06-1-A-GP-XR SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

| TABLE 9   |               |               |
|-----------|---------------|---------------|
| 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] |

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DESCRIPTION:  
.050 PITCH TERMINAL ARRAY ASSEMBLY

DWG. NO.  
SEAM-XX-XX.X-XXX-XX-X-A-XX-K-XR

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| TABLE 12                       |                      |              |             |             |              |              |              |              |              |               |             |
|--------------------------------|----------------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|-------------|
| LEAD STYLE -02.0, -03.0, -03.5 |                      |              |             |             |              |              |              |              |              |               |             |
| ROW                            | K-DOT                | "R"          | "S"         |             |              |              |              |              |              |               | "T"         |
|                                |                      |              | 10 POS      | 15 POS      | 19 POS       | 20 POS       | 25 POS       | 30 POS       | 40 POS       | 50 POS        |             |
| -04                            | K-DOT-.236-.343-.005 | .236 [5.99]  | .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] | .021 [0.53] |
| -05, -06                       | K-DOT-.236-.343-.005 | .236 [5.99]  | .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                            | K-DOT-.325-.450-.005 | .325 [8.26]  | .186 [4.71] | .311 [7.90] | .411 [10.43] | .436 [11.06] | .561 [14.24] | .686 [17.41] | .936 [23.76] | 1.186 [30.11] | .076 [1.93] |
| -10                            | K-DOT-.404-.500-.005 | .404 [10.26] | .146 [3.71] | .271 [6.88] | .371 [9.42]  | .396 [10.06] | .521 [13.23] | .646 [16.41] | .896 [22.76] | 1.146 [29.11] | .087 [2.21] |
| -14                            | K-DOT-.404-.500-.005 | .404 [10.26] | .146 [3.71] | .271 [6.88] | .371 [9.42]  | .396 [10.06] | .521 [13.23] | .646 [16.41] | .896 [22.76] | 1.146 [29.11] | .187 [4.75] |

| TABLE 13                                     |                      |              |             |             |              |              |              |              |              |               |             |
|--|----------------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|-------------|
| LEAD STYLE -06.5, -07.0, -09.0, -11.0, -13.0 |                      |              |             |             |              |              |              |              |              |               |             |
| ROW  | K-DOT                | "R"          | "S"         |             |              |              |              |              |              |               | "T"         |
|  |                      |              | 10 POS      | 15 POS      | 19 POS       | 20 POS       | 25 POS       | 30 POS       | 40 POS       | 50 POS        |             |
| -04  | K-DOT-.256-.375-.005 | .256 [6.50]  | .220 [5.59] | .345 [8.76] | .445 [11.30] | .470 [11.94] | .595 [15.11] | .720 [18.29] | .970 [24.64] | 1.220 [30.99] | .011 [0.28] |
| -05, -06                                     | K-DOT-.325-.450-.005 | .325 [8.26]  | .186 [4.71] | .311 [7.89] | .411 [10.43] | .436 [11.06] | .561 [14.24] | .686 [17.41] | .936 [23.76] | 1.186 [30.11] | .027 [0.69] |
| -08  | K-DOT-.404-.500-.005 | .404 [10.26] | .146 [3.71] | .271 [6.88] | .371 [9.42]  | .396 [10.06] | .521 [13.23] | .646 [16.41] | .896 [22.76] | 1.146 [29.11] | .037 [0.94] |
| -10  | K-DOT-.460-.550-.005 | .460 [11.68] | .119 [3.01] | .244 [6.18] | .344 [8.72]  | .369 [9.36]  | .494 [12.53] | .619 [15.71] | .869 [22.06] | 1.119 [28.41] | .059 [1.50] |

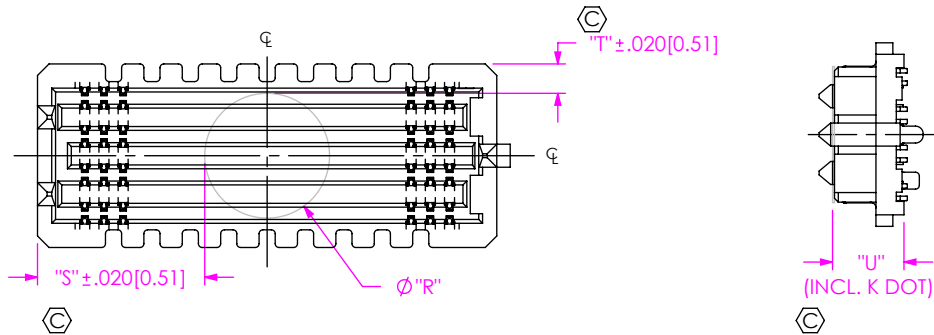


FIG 10  
-K: K DOT  
(SEAM-20-02.0-XXX-08-1-A-K-XR SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

| TABLE 14   |              |
|------------|--------------|
| LEAD STYLE | "U"          |
| -02.0      | .186 [4.72]  |
| -03.0      | .225 [5.72]  |
| -03.5      | .245 [6.22]  |
| -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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SHEET SCALE: 2:1

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