



| TABLE 1   |               |             |
|-----------|---------------|-------------|
| No OF POS | ROW SPEC      | COPLANARITY |
| -20       | -05           | .004[.10]   |
| -30       | -05           | .006[.15]   |
| -20 & -30 | -08, -10      | .006[.15]   |
| -40       | -05, -08, -10 | .008[.20]   |
| -50       | -05           | .008[.20]   |
| -50       | -08, -10      | .010[.25]   |

| TABLE 2      |             |             |             |  | MATED HEIGHT w / YFS |
|--------------|-------------|-------------|-------------|--|----------------------|
| STACK HEIGHT | "A" REF     | "B" REF     | "C"         | "D"  |                      |
| -07          | .258[6.55]  | .221[5.61]  | .228[5.79]  | .246[6.25]   | .276[7.00]           |
| -09          | .335[8.51]  | .299[7.59]  | .306[7.77]  | .324[8.23]   | .354[9.00]           |
| -12          | .453[11.51] | .417[10.59] | .424[10.77] | .442[11.23]  | .472[12.00]          |
| -19          | .728[18.49] | .692[17.58] | .699[17.75] | .717 <sup>+0.05</sup> <sub>-.008</sub> [18.21 <sup>+13</sup> <sub>-.20</sub> ] | .748[19.00]          |
| -25          | .964[24.49] | .928[23.57] | .935[23.75] | .953 <sup>+0.05</sup> <sub>-.008</sub> [24.21 <sup>+13</sup> <sub>-.20</sub> ] | .984[25.00]          |

| TABLE 3      |                |               |               |               |
|--------------|----------------|---------------|---------------|---------------|
| STACK HEIGHT | TERMINAL       | USE YFTS      | USE YFTM      | USE YFTHS     |
| -07          | T-1R24-07B-X-1 | YFTS-XX-01-XX | N/A           | YFTHS-XX-XX-X |
| -09          | T-1R24-09B-X-1 | YFTS-XX-02-XX | N/A           | YFTHS-XX-XX-X |
| -12          | T-1R27-12B-X-1 | YFTS-XX-03-XX | N/A           | YFTHS-XX-XX-X |
| -19          | T-1R27-19B-X-1 | YFTS-XX-01-XX | YFTM-XX-19-XX | YFTHS-XX-XX-X |
| -25          | T-1R27-25B-X-1 | YFTS-XX-01-XX | YFTM-XX-25-XX | YFTHS-XX-XX-X |

| TABLE 4 |               |               |               |
|---------|---------------|---------------|---------------|
| ROW     | USE YFTS      | USE YFTM      | USE YFTHS     |
| -05     | YFTS-XX-XX-05 | YFTM-XX-XX-05 | YFTHS-XX-05-X |
| -08     | YFTS-XX-XX-08 | -----         | YFTHS-XX-08-X |
| -10     | YFTS-XX-XX-10 | YFTM-XX-XX-10 | YFTHS-XX-10-X |

**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 PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1.875:1

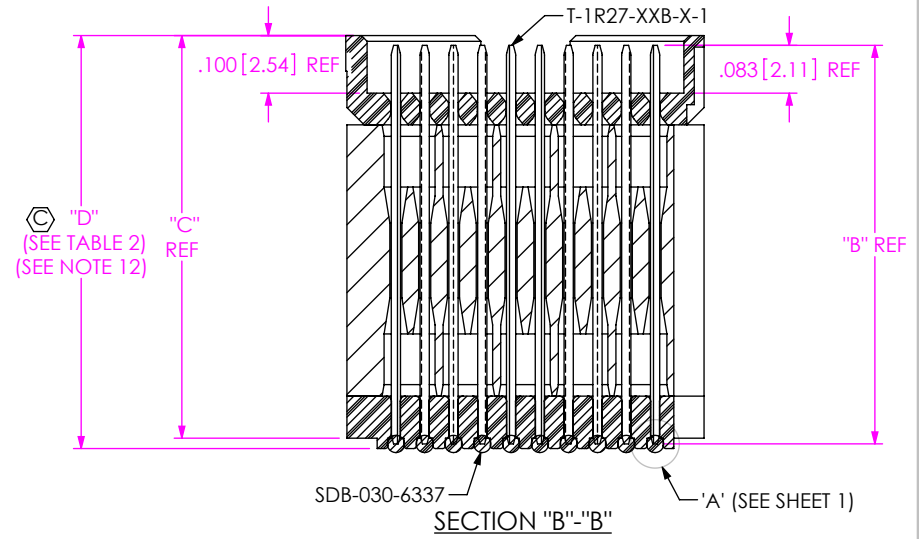
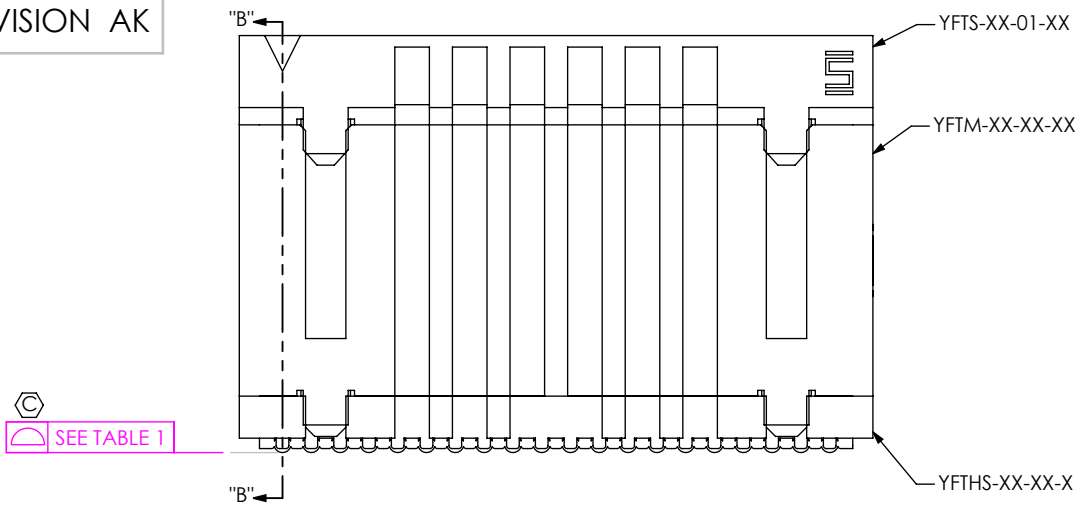


520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322

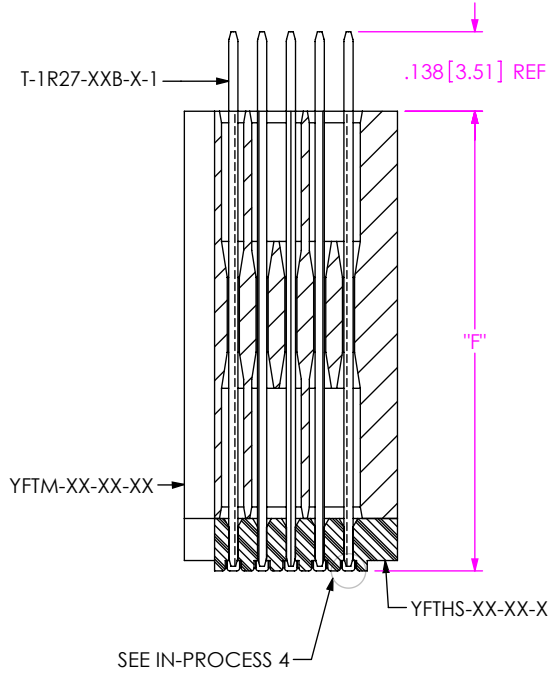
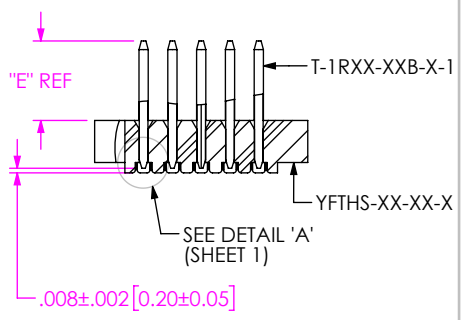
DESCRIPTION:  
 Flex, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

DWG. NO.  
**YFW-XX-XX-X-XX-XSB-X-XX**

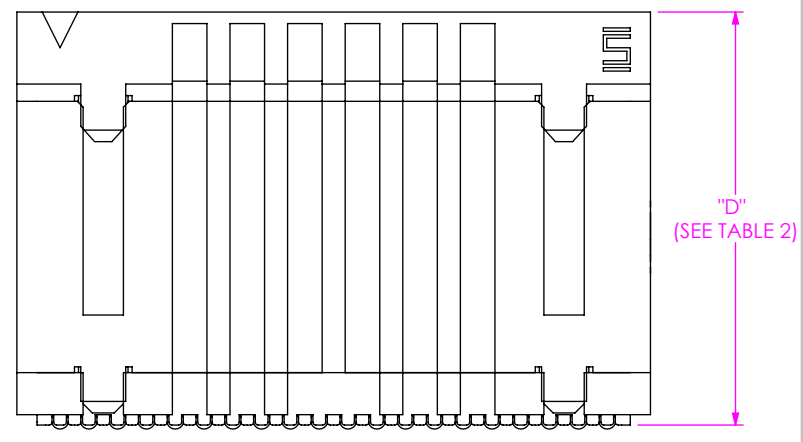
BY: DEAN P 5/11/2001 SHEET 2 OF 5



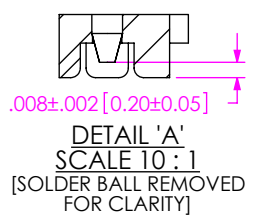
**FIG 2**  
 YFW-20-19-X-10-SB SHOWN  
 [STACK HEIGHT -25 SIMILAR]  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**IN-PROCESS 1 & 2**  
 STACK HEIGHT -19 & -25



**IN-PROCESS 3**  
 STACK HEIGHT -19 & -25



**IN-PROCESS 4**  
 RE-PRESS  
 STACK HEIGHT -19 & -25

**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 PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING  
 SHEET SCALE: 1.875:1



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

DESCRIPTION:  
 FleX, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

DWG. NO.  
**YFW-XX-XX-X-XX-XSB-X-XX**

BY: DEAN P 5/11/2001 SHEET 3 OF 5

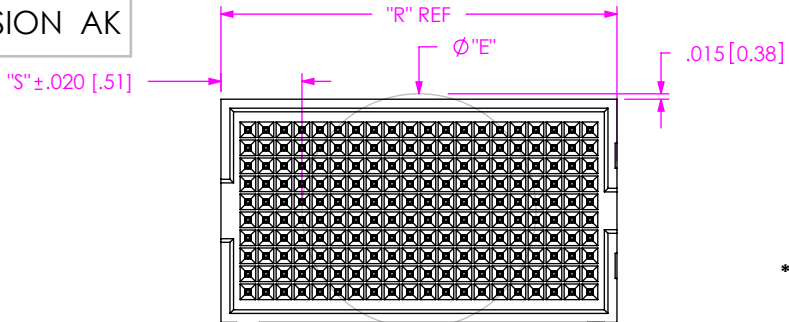
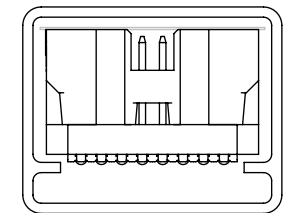


FIG 3  
-K: PAD OPTION  
YFW-20-XX-X-10-SB-K SHOWN  
[PAD = .005 THICK]

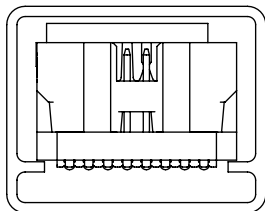
| ROW OPTION | "E"          | KAPTON TAPE          |
|------------|--------------|----------------------|
| -05        | .404 [10.25] | K-DOT-.404-.500-.005 |
| -08        | .550 [13.97] | K-850-650            |
| -10**      | .650 [16.50] | K-1000-800           |

**\*\* DO NOT DESIGN IN FOR 10-ROW VERSION. ONLY EXISTING CUSTOMERS, AS OF 2/10/06, WILL BE SUPPORTED. -P OPTION SHOULD BE USED FOR 10-ROW VERSION.**

"R" = (No OF POSITIONS x .0500[1.270]) + .100[2.54]  
"S" = ("R" - "E" / 2)



-08 ROW  
YFW-XX-09-X-08-SB-K SHOWN

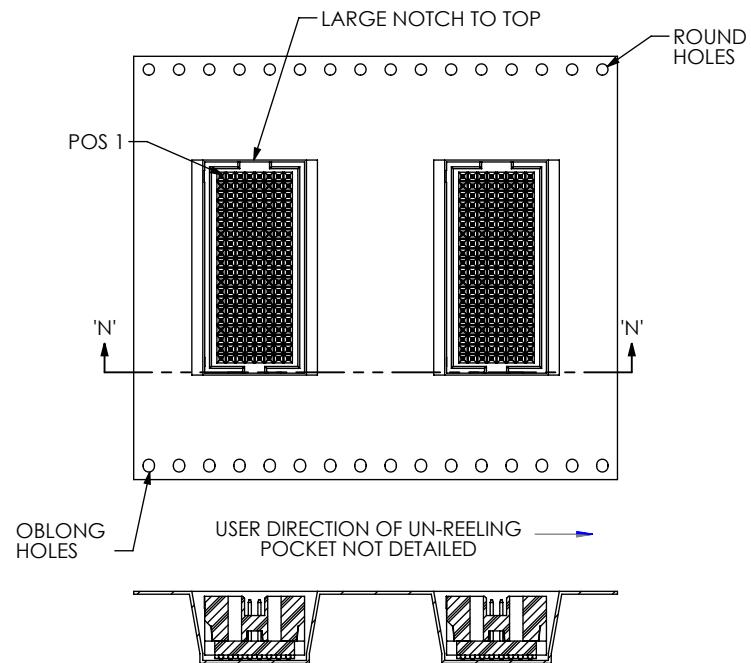


-08 ROW  
YFW-XX-09-X-08-SB-P SHOWN

**PACKAGING TUBE**  
(SEE NOTE 10)

(PARTS TO HAVE POSITION #1 LOADED IN SAME DIRECTION AS ARROW ON TUBE)

| ROW | STACK HEIGHT | TUBE W/ NONE, -K | TUBE W/ -P      | PLUG  |
|-----|--------------|------------------|-----------------|-------|
| -05 | -07          | PT-1-24-07F-109  | PT-YFW-07F-P    | TP-29 |
| -05 | -09          | PT-1-24-09F-109  | PT-YFW-09F-P    | TP-29 |
| -05 | -12          | PT-YFW-12F-P     | PT-YFW-12F-P    | TP-13 |
| -05 | -19          | PT-1-24-19F-109  | PT-1-24-01-131  | TP-13 |
| -05 | -25          | PT-1-24-25F-109  | PT-YFW-25F-P    | TP-29 |
| -08 | -07          | PT-YFW-07E-P     | PT-YFW-07E-P    | TP-13 |
| -08 | -09          | PT-1-24-09E-109  | PT-YFW-09E-P    | TP-29 |
| -08 | -12          | PT-1-24-12E-109  | PT-YFW-12E-P    | TP-29 |
| -10 | -07          | PT-1-24-07T-109  | PT-1-24-07T-109 | TP-13 |
| -10 | -09          | PT-1-24-09T-109  | PT-YFW-09T-P    | TP-13 |
| -10 | -12          | PT-1-24-12T-109  | PT-YFW-12T-P    | TP-28 |
| -10 | -19          | PT-1-24-19T-109  | PT-YFW-19T-P    | TP-26 |
| -10 | -25          | PT-1-24-25T-109  | PT-YFW-25T-P    | TP-28 |



SECTION 'N'-'N'  
SCALE 1 : 1

**TAPE AND REEL VIEW**

F:\DWG\MISC\MKTG\YFW-XX-XX-X-XX-XSB-X-XX-MKT.SLDDRW

**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 PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1.875:1



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

DESCRIPTION:  
Flex, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

DWG. NO.  
**YFW-XX-XX-X-XX-XSB-X-XX**

BY: DEAN P 5/11/2001 SHEET 4 OF 5

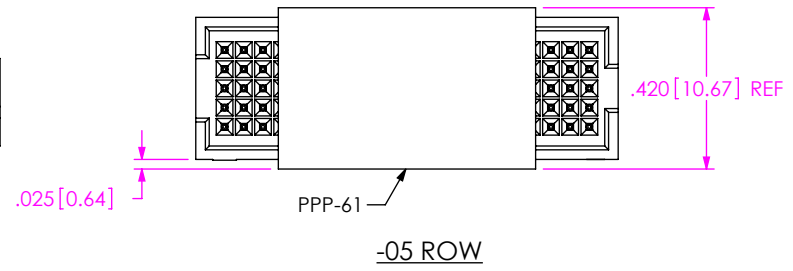
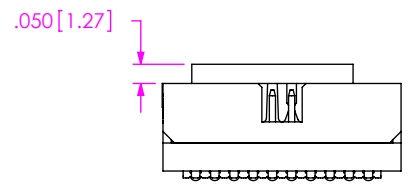
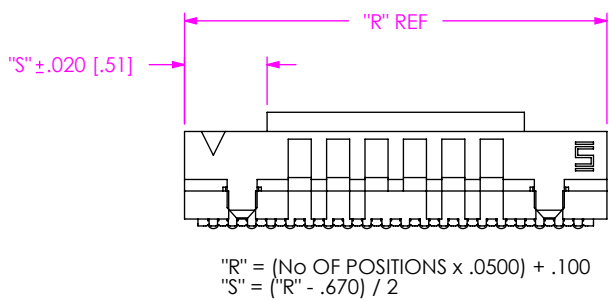
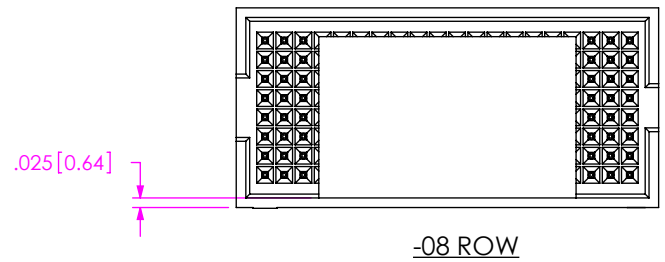
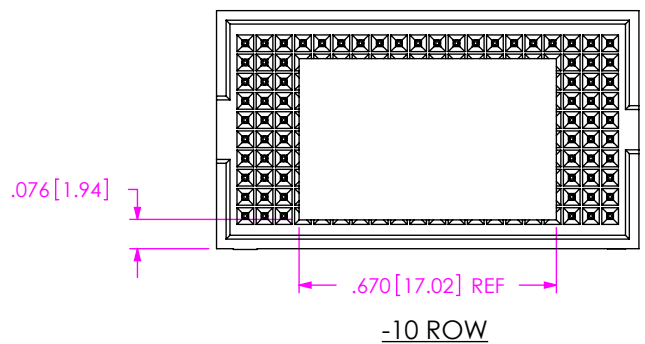


FIG 4

-P: PICK AND PLACE OPTION

**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 PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

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:  
 FleX, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

DWG. NO.  
 YFW-XX-XX-X-XX-XSB-X-XX

BY: DEAN P 5/11/2001 SHEET 5 OF 5