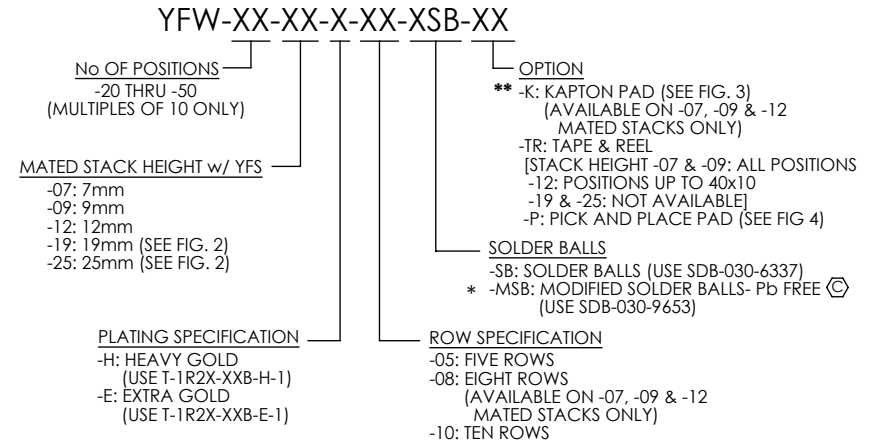
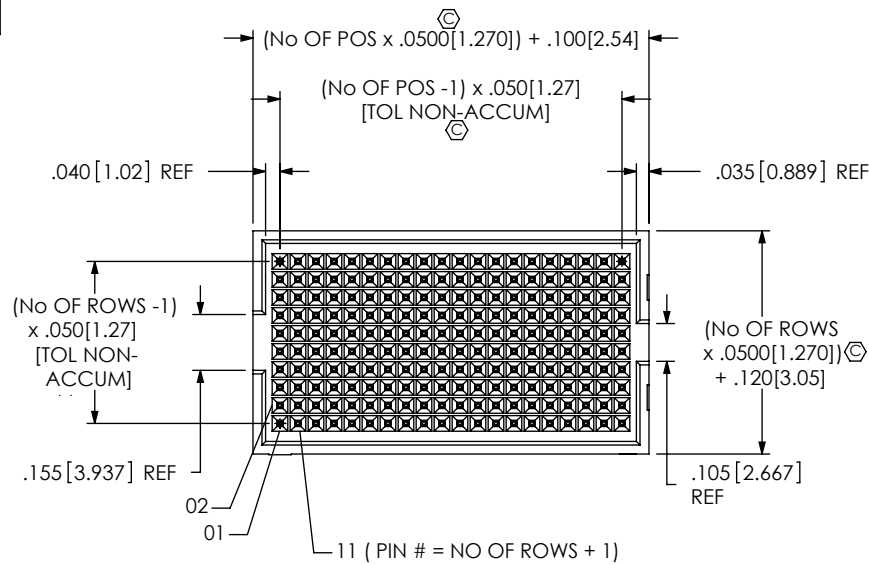


DO NOT  
SCALE FROM  
THIS PRINT



**\*\* 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.**

**\* = NOT RELEASE FOR PRODUCTION.**

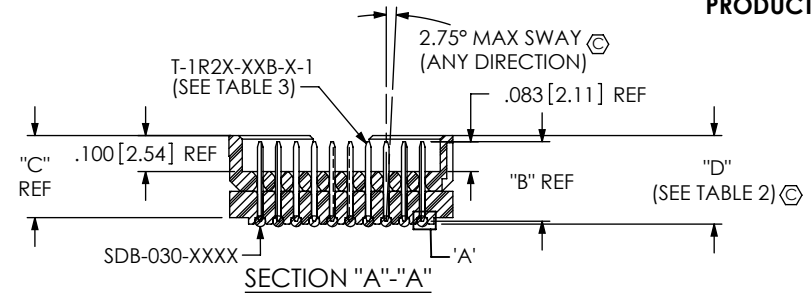
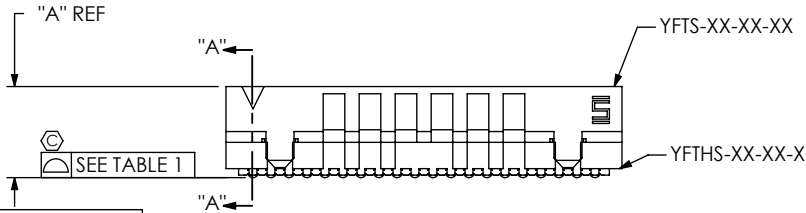
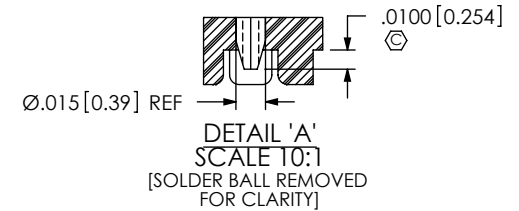
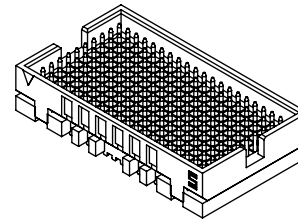


FIG 1  
YFW-20-07-X-10-SB SHOWN  
[STACK HEIGHT -09 & -12 SIMILAR]



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[.038] MAX.
3. MINIMUM PUSHOUT FORCE: PRE-PROCESS: 8 OZ, POST-PROCESS: 5 OZ.
4. MAXIMUM ALLOWABLE BOW; TOP/BOTTOM: .006[.15], SIDE/SIDE: .003[.08].
5. ALL DIMS TO BE SYMMETRICAL ABOUT CENTERLINE WITHIN ±.002[.05].
6. BODY RETENTION BETWEEN WELDED BODIES TO BE 4 LBS MINIMUM TOTAL.
7. WELD FLASH: .020[.51] MAX.
8. -H PLATING MAY BE SUBSTITUTED FOR -G PLATING.
9. NOTE DELETED.
10. TRAY PACKAGING CAN BE SUBSTITUTED FOR TUBES.

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[18.21]	.748[19.00]
-25	.964[24.49]	.928[23.57]	.935[23.75]	.953[24.21]	.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-XX-05-X
-08	YFTS-XX-XX-08	—	YFTHS-XX-XX-08-X
-10	YFTS-XX-XX-10	YFTM-XX-XX-10	YFTHS-XX-XX-10-X

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: ±.01[.3]

.XXX: ±.005[.13]

.XXXX: ±.0020[.051]

ANGLES

± 2°

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP, COLOR: BLACK

TERMINAL: BRASS

SOLDER BALL: 63% TIN/ 37% LEAD

SHEET SCALE: 1.875:1

DESCRIPTION:

Flex, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

DWG. NO.

YFW-XX-XX-X-XX-XSB-XX

BY: DEAN P

5/11/2001

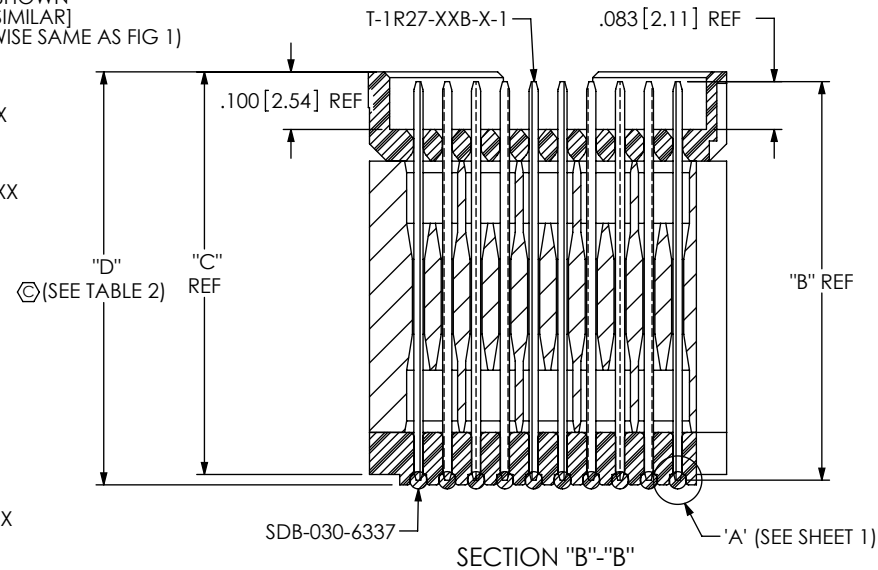
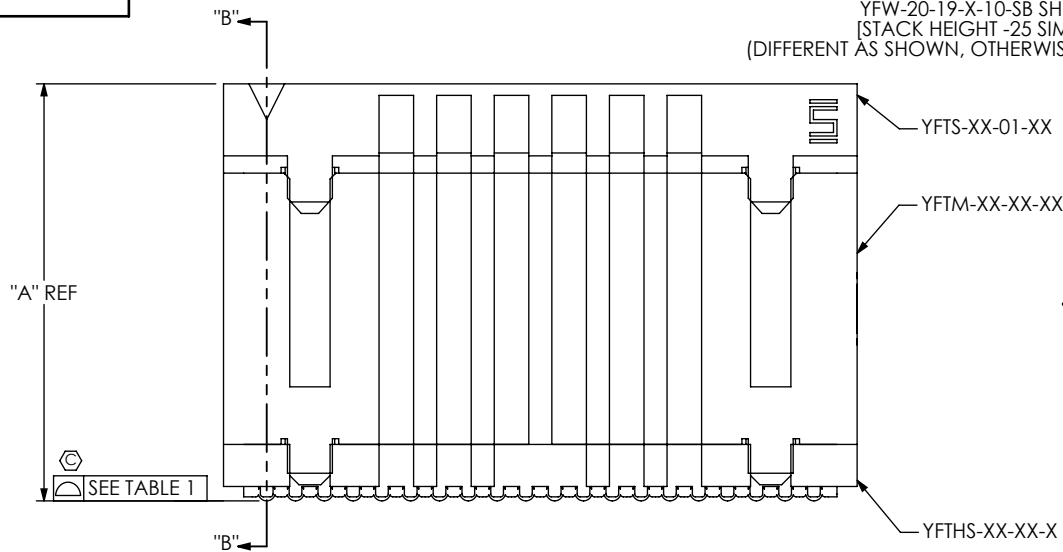
SHEET 1 OF 4

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

FIG 2

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



IN-PROCESS 1  
STACK HEIGHT -07, -09 & -12

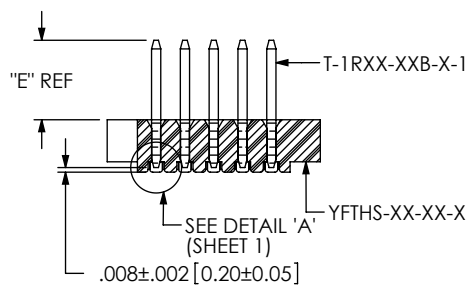
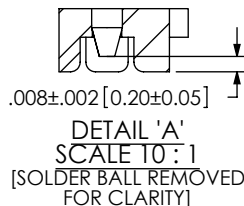


TABLE 5

STACK HEIGHT	"E"
-07	.138[3.51]
-09	.216[5.49]
-12	.334[8.48]

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



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

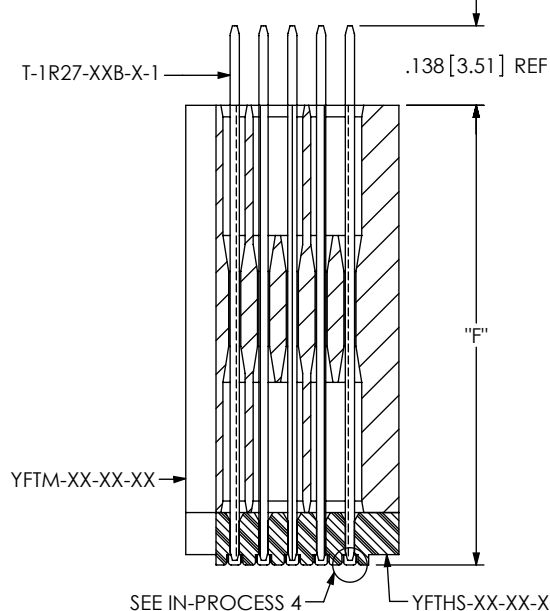
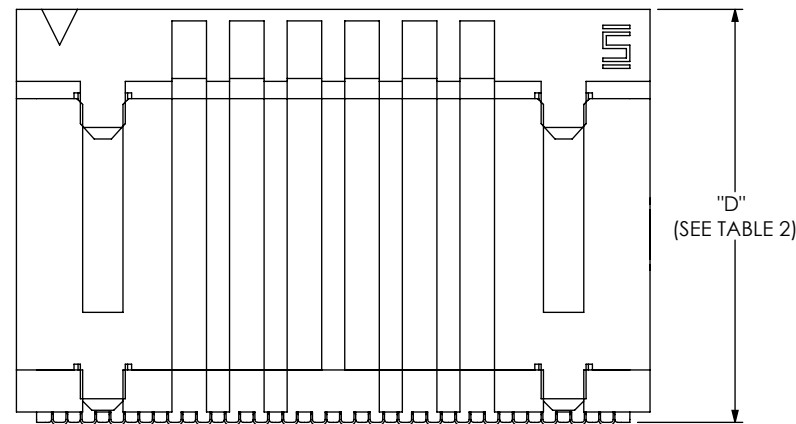


TABLE 6

STACK HEIGHT	"F"
-19	.5620[14.275]
-25	.7980[20.269]

IN-PROCESS 3  
STACK HEIGHT -19 & -25



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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:

FleX, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

DWG. NO.

YFW-XX-XX-X-XX-XSB-XX

BY: DEAN P

5/11/2001

SHEET 2 OF 4

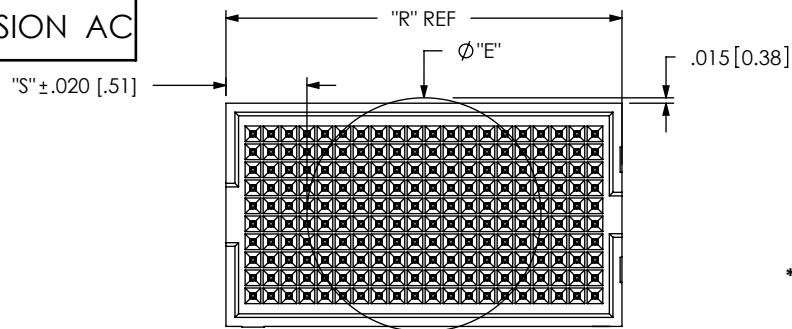


FIG 3  
-K: KAPTON PAD OPTION  
YFW-20-XX-X-10-SB-K SHOWN  
[KAPTON = .005 THICK]

TABLE 7		
ROW OPTION	"E"	KAPTON TAPE
-05	.404 [10.25]	K-850-650
-08	.550 [13.97]	K-850-650
-10**	.650 [16.50]	K-1000-800

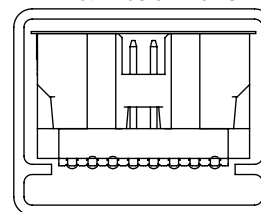
**\*\* DO NOT DESIGN IN FOR 10-ROW VERSION. ONLY EXISTING CUSTOMERS, AS OF 2/10/06, WILL BE SUPPORTED. -P OPTION SHOULD BE USED FOR 10-ROW VERSION.**

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

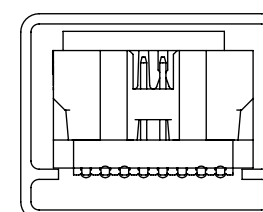
### PACKAGING TUBE (SEE NOTE 10)

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

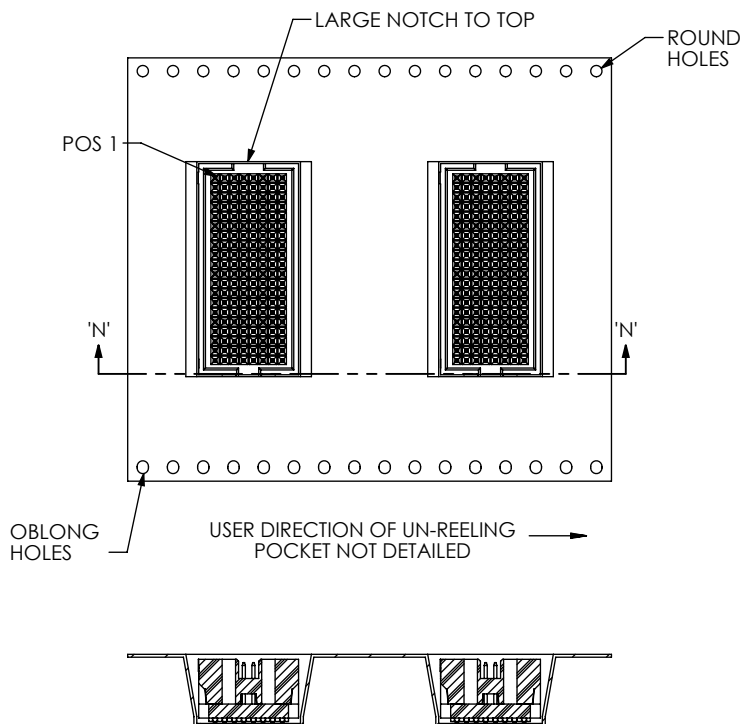
-08 ROW  
YFW-XX-09-X-08-SB-K SHOWN



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



### TAPE AND REEL VIEW



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

### PACKAGING TUBES

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

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

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e-Mail: info@SAMTEC.com code: 55322

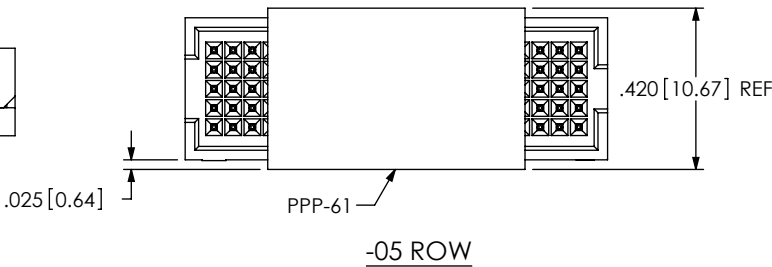
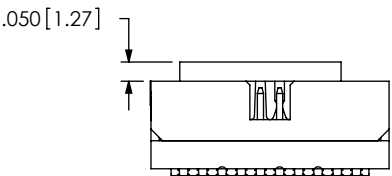
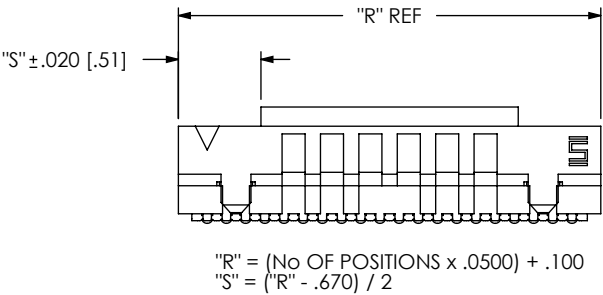
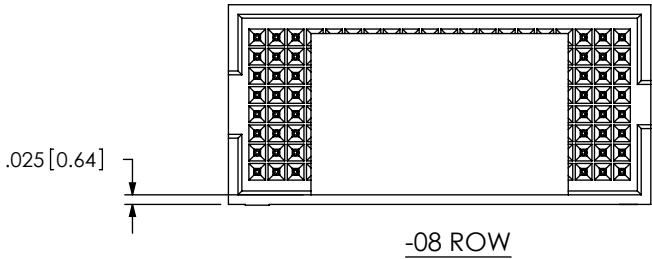
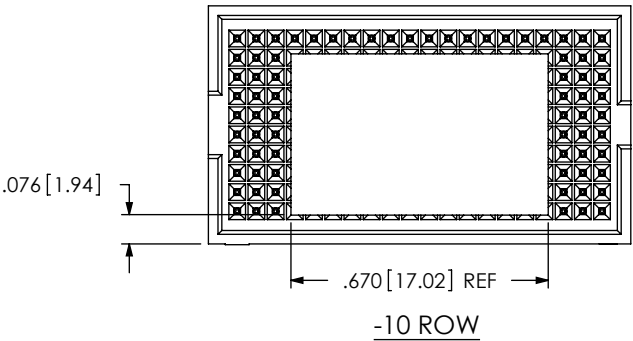
DESCRIPTION:  
Flex, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

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

BY: DEAN P 5/11/2001 SHEET 3 OF 4

FIG 4

-P: PICK AND PLACE OPTION



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		<p>DESCRIPTION: Flex, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY</p>	
		<p>DWG. NO. YFW-XX-XX-X-XX-XSB-XX</p>	
		BY: DEAN P	5/11/2001
		SHEET 4 OF 4	