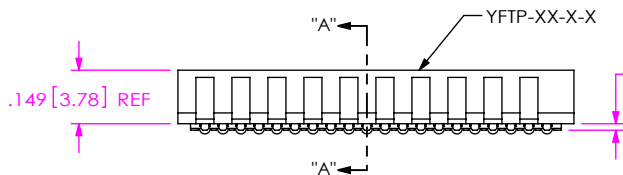
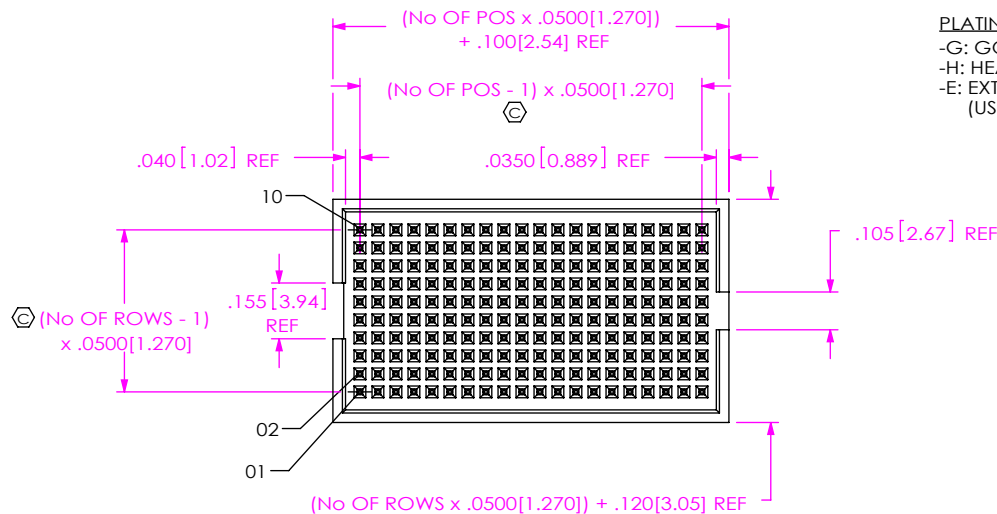


DO NOT SCALE FROM THIS PRINT

TABLE 1 - SOLDERBALL PARTS ONLY				
PART (POSITION)	20	30	40	50
MAX COPLANARITY	.0040 [0.102]	.0080 [0.203]	.0080 [0.203]	.0100 [0.254]
MAX T/B BOW *	.0020 [0.051]	.0020 [0.051]	.0020 [0.051]	.0025 [0.064]

\* AFTER SOLDERBALL ATTACHMENT



NOTES:

- NOTE DELETED.
- ⊗ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .0015 MAX.
- NOTE DELETED.
- MINIMUM PUSHOUT FORCE: .5 LB.
- NOTE DELETED.
- MAXIMUM ALLOWABLE DISTANCE FOR SOLDER WICKING UP TERMINAL.
- ⊗ .0040 MAX VARIATION BETWEEN SOLDERBALLS.
- REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
- THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025 ± .005.
- NOTE DELETED.
- TRAY PACKAGING CAN BE SUBSTITUTED FOR TUBES.
- TUBES ARE STANDARD PACKAGING.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

YFT-XX-05-X-XX-SB-X-XX

No OF POSITIONS  
-20 THRU -50  
(MULTIPLES OF 10 ONLY)

LEAD STYLE

PLATING SPECIFICATION

- G: GOLD (USE T-1R24-05B-G-1)
- H: HEAVY GOLD (USE T-1R24-05B-H-1)
- E: EXTRA HEAVY GOLD (USE T-1R24-05B-E-1)

PACKAGING

- BLANK: TUBES (SEE NOTES 12 & 13)
- TR: TAPE & REEL (SEE NOTES 14 & 15)
- FR: FULL REEL QTY TAPE & REEL (SEE NOTES 14 & 15)

PICK & PLACE OPTION

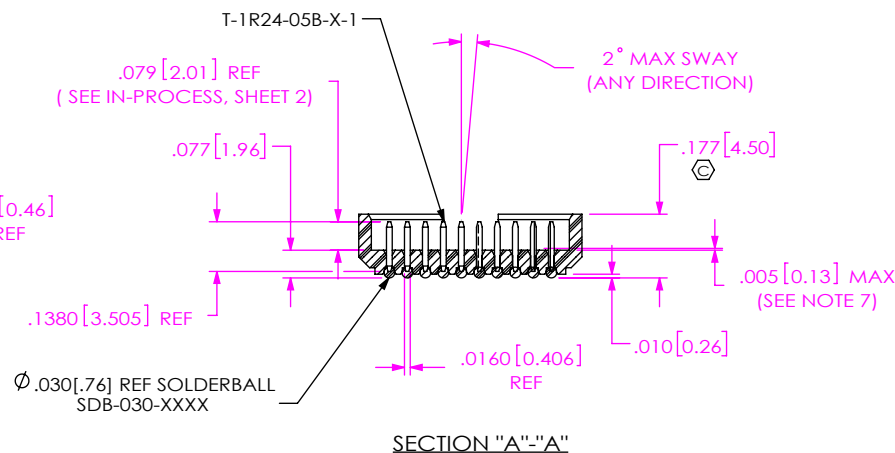
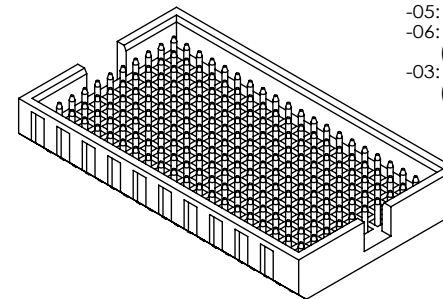
- K: POLYAMIDE FILM (SEE TABLE 3 & FIG 2, SHT 2)

OPTION

- SB: SOLDER BALLS: 37% PB/63% SN (USE SDB-030-6337)

ROW SPECIFICATION

- 10: TEN ROWS (USE YFTP-XX-X)
- 08: EIGHT ROWS (USE YFTP-XX-X)
- 05: FIVE ROWS (USE YFTP-XX-X)
- 06: SIX ROWS (USE YFTP-XX-X) (AVAILABLE IN 20 POS. ONLY)
- 03: THREE ROWS (USE YFTP-XX-X) (AVAILABLE IN 20 POS. ONLY)



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01	± 2°
.XXX: ±.005	
.XXXX: ±.0020	

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

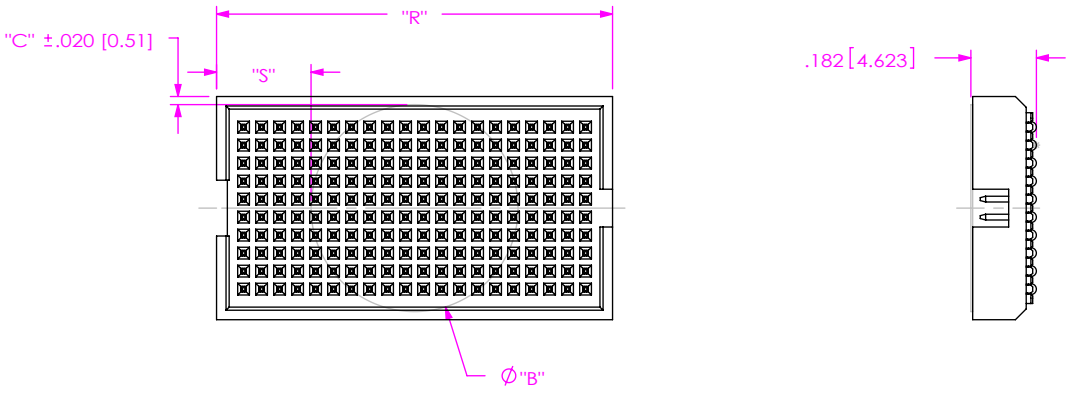
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.875:1  
INSULATOR: LCP, COLOR: BLACK  
TERMINAL: BRASS AND ALLOY 260

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

DWG. NO.  
YFT-XX-05-X-XX-SB-X-XX

BY: ERIC M 5/27/99 SHEET 1 OF 2

**FIG 2**  
 -K: KAPTON PAD OPTION  
 (YFT-120-05-X-08-K SHOWN)



$R = (\text{No OF POS} \times .0500 [1.270]) + .100 [2.54]$   
 $S = ("R" - "B" / 2) \pm .020 [0.51]$

TABLE 3			
ROW OPTION	"B"	"C"	KAPTON
-05	.404 [10.25]	.017 [.43]	K-DOT-404-500-.005
-08	.575 [14.60]	.028 [.71]	K-850-650
-10	.650 [16.50]	.015 [.38]	K-1000-800
-06	.460 [11.68]	.020 [.51]	K-850-650
-03	.325 [8.26]	.028 [.71]	K-DOT-325-450-.005

IN-PROCESS WITHOUT SOLDERBALLS

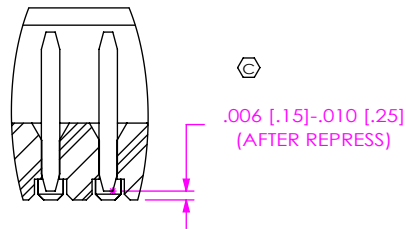
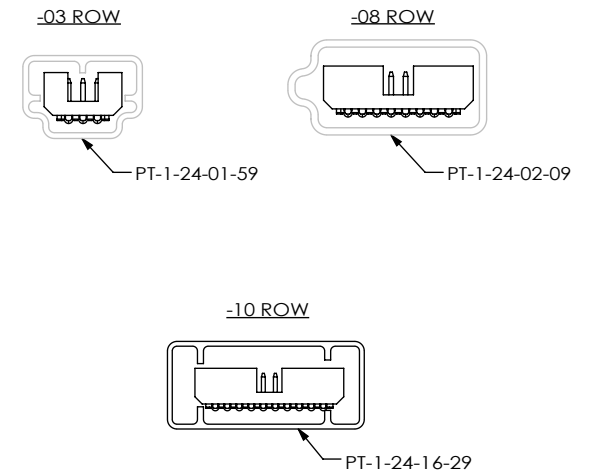


TABLE 2				
PART (POSITION)	20	30	40	50
MAX T/B BOW	.0015 [0.038]	.0020 [0.051]	.0020 [0.051]	.0020 [0.051]

PACKAGING TUBE  
 (SEE NOTE 12)

TABLE 4		
ROW OPTION	TUBE	PLUG
-03	PT-1-24-01-59	TP-24
-05	PT-1-24-01-61	TP-03
-06	PT-1-24-14-29	TP-07
-08	PT-1-24-02-09	TP-07
-10	PT-1-24-16-29	TP-07

[PLACE PARTS IN RESPECTIVE TUBES SIMILAR TO SHOWN BELOW]



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DO NOT SCALE DRAWING

SHEET SCALE: 1.875:1



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

DWG. NO.  
**YFT-XX-05-X-XX-SB-X-XX**

BY: ERIC M 5/27/99 SHEET 2 OF 2