

TABLE 1 - SOLDERBALL PARTS ONLY				
PART (POSITION)	20	30	40	50
MAX COPLANARITY	.0040	.0080	.0080	.0100
MAX T/B BOW *	.0020	.0020	.0020	.0025

* AFTER SOLDERBALL ATTACHMENT

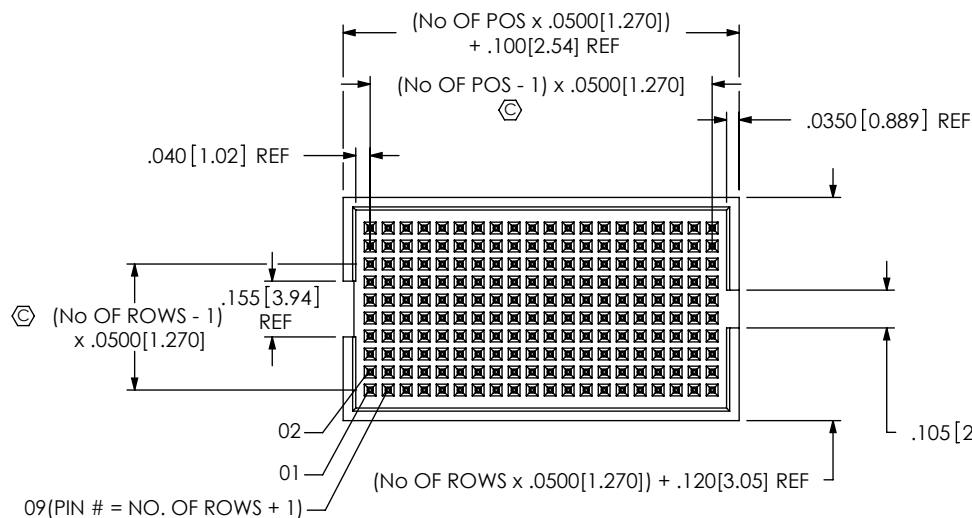
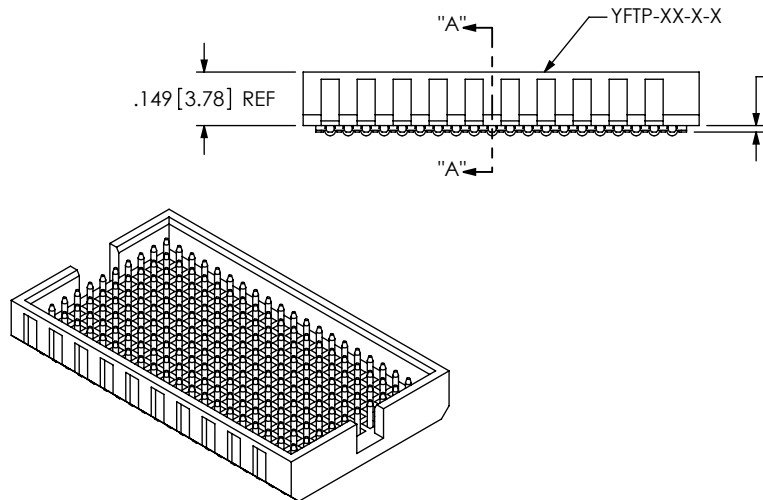


FIG 1
YFT-20-05-X-10-SB SHOWN



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

— OPTION
-K: KAPTON PAD OPTION
(SEE TABLE 3 & FIG. 4, SHEET 2)
-TR: TAPE & REEL

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

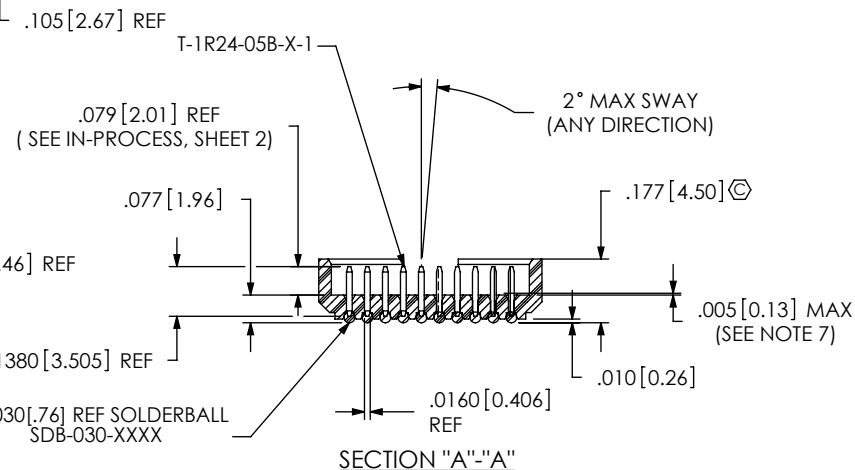
LEAD STYLE

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)

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)



SECTION "A"-"A"

NOTES:

1. NOTE DELETED.
2. ☉ REPRESENTS A CRITICAL DIMENSION.
3. BURR ALLOWANCE: .0015 MAX.
4. NOTE DELETED.
5. MINIMUM PUSHOUT FORCE: .5 LB.
6. NOTE DELETED.
7. MAXIMUM ALLOWABLE DISTANCE FOR SOLDER WICKING UP TERMINAL.
8. .0040 MAX VARIATION BETWEEN SOLDERBALLS.
9. REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
10. THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025 ± .005.
11. NOTE DELETED.
12. TRAY PACKAGING CAN BE SUBSTITUTED FOR TUBES.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
.XX: $\pm .01$	$\pm 2^\circ$
.XXX: $\pm .005$	
.XXXX: $\pm .0020$	

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

SHEET SCALE: 1.875:1

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

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

BY: ERIC M	5/27/99	SHEET 1 OF 2
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F:\DWG\MISC\MKTG\YFT-XX-05-X-XX-SB-XX-MKT.SLDDRW

IN-PROCESS WITHOUT SOLDERBALLS

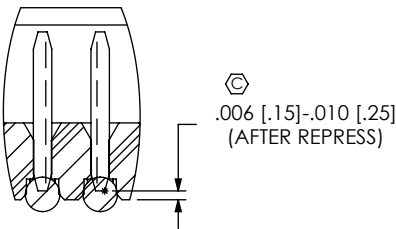


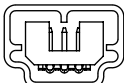
TABLE 2				
PART (POSITION)	20	30	40	50
MAX T/B BOW	.0015	.0020	.0020	.0020

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

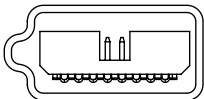
[PLACE PARTS IN RESPECTIVE TUBES SIMILAR TO SHOWN BELOW]

-03 ROW

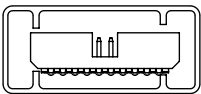


PT-1-24-01-59

-08 ROW



PT-1-24-02-09

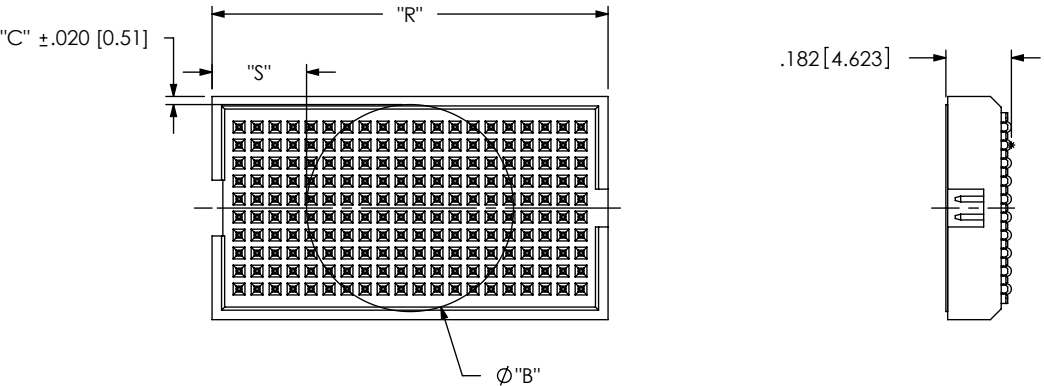


PT-1-24-16-29

-10 ROW

FIG 2

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



$R = (\text{No OF POS} \times .0500 [1.270]) + .100 [2.54]$
 $S = ("R" - "B" / 2) \pm .020 [.51]$

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

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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-XX

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