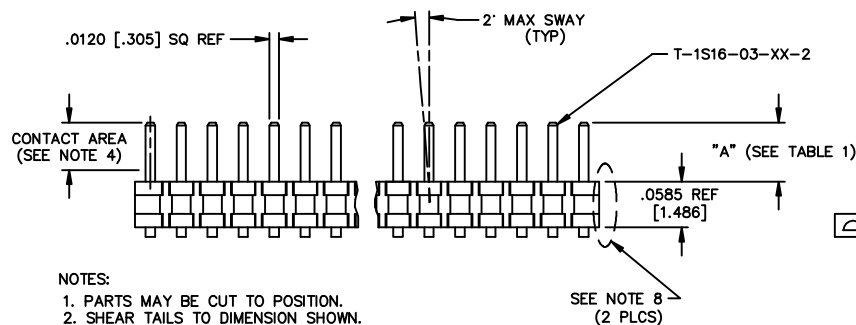
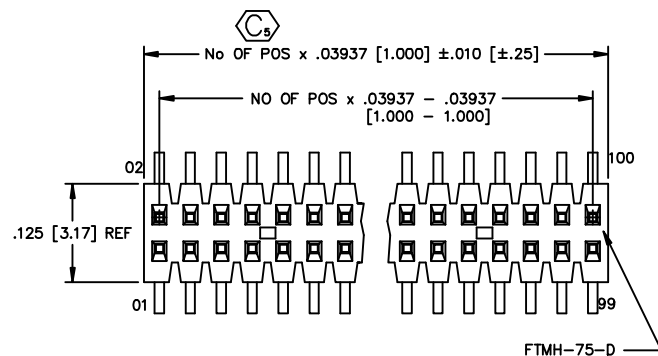


REV.	AX
------	----

TABLE 1	
LEAD STYLE	"A"
-02	.075 [1.91] ← 
-03	.065 [1.65] ← 



- NOTES:
1. PARTS MAY BE CUT TO POSITION.
 2. SHEAR TAILS TO DIMENSION SHOWN.
 3. MEASURED AT BEND RADIUS, NOT AT END OF PIN.
 4. GOLD PLATING TO BE ON POST, TIN PLATING TO BE ON TAIL.
 5.  REPRESENTS A CRITICAL DIMENSION.
 6. MINIMUM PUSHOUT FORCE: 1.0 LB = 16 OZ.
 7. .003 [.08] MAXIMUM BURR.
 8. .010 [.25] MAXIMUM CUT FLASH.
 9. POSITIONS 2-4 TO BE LAYER PACKAGED &
 10. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -EC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -EC OPTION.
- SEE NOTE 8
(2 PLCS)

DO NOT SCALE

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SANTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SANTEC INC.

UNLESS OTHERWISE NOTED	
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:
ONE DECIMALS ± .1[2.54]	THREE PLACE DECIMALS ± .005[.13]
TWO DECIMALS ± .01[.25]	FOUR PLACE DECIMALS ± .0010[.02]

TITLE:	1mm x 1mm DOUBLE VERTICAL SMT TERMINAL STRIP
--------	--

DWG NO: FTMH-1XX-XX-XX-DV-XX
SHEET 1 OF 4

FTMH-1XX-XX-XX-DV-XX

No OF POS PER ROW
-02 THRU -50

LEAD_STYLE

-02: .075 [1.91]
(USE T-1S16-03-XX-2)
-03: .065 [1.65] MIN
(USE T-1S16-03-XX-2)

PLATING

Legend

- L: LIGHT SELECTIVE
(USE T-1S16-03-L-2)
- F: FLASH SELECTIVE
(USE T-1S16-03-F-2)
- H: HEAVY GOLD
(USE T-1S16-03-H-2)
- LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL
(USE T-1S16-03-L-2)
- FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL
(USE T-1S16-03-F-2)
- G: GOLD
(USE T-1S16-03-G-2)

ROW

—DV: DOUBLE ROW VERTICAL
(USE FTMH-75-D)

OPTIONS

-P: PICK & PLACE PAD (USE PPP-30)
(USE PPP-30-NT FOR TAPE & REEL)
(SEE FIG 3, SHT 3)

(6 POS. PER ROW MIN)

-ES: SNAP ON END SHROUDS (SEE FIG. 2, SHT 2)

(9 POS. PER ROW MIN)
MOLDED TO POSITION END SHROUDS.
(5 POS. PER ROW MIN) (SEE FIG. 2)

—EP: GUIDE POST (SEE FIG. 4, SHT.3)

(9 POS. PER ROW MIN)
(USE ONLY WHEN MATING WITH A
-FC; LOCKING CLIP (SEE FIG. 5, SHT.

-EC: LOCKING CLIP (SEE FIG. 5, SH1. 3)(SEE NOTE 10)
(9 POS. PER ROW MIN)

-A: ALIGNMENT PIN

-A: ALIGNMENT PIN
(SEE FIG. 6 & 7, SHT 4)

MOLDED TO POSITION (3 POSITIONS PER F
 MOLDED TO POSITION WITH END SHROUDS

(5 POS. PER ROW MIN)

(5 FCS PER ROW MIN)

(SAMTEC DISCRETION ON WHICH -A PIN IS USED)
(MOLD 3 POSITION MIN, USE FTMH-75-D-XX)
(STAKE 7 POSITION MIN, USE FTMH-60-D)

FIG. 1

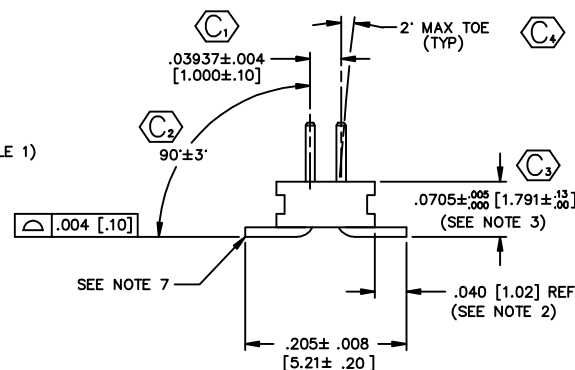


TABLE 2: *SEE NOTE 9 FOR PACKAGING NOTES*

LEAD STYLE	OPTION (S)	PACKAGING TUBE	TUBE PLUG
-02	-NONE	PT-1-24-02-49	TP-12 (2 REQ'D)
-02, -03	-A	PT-1-24-01-60	TP-03 (2 REQ'D)
-02, -03	-P, -A-P	PT-1-24-01-43	TP-24 (2 REQ'D)
-03	NONE	PT-1-24-02-49	TP-30 (2 REQ'D)
-02, -03	-ES, -ES-P, -ES-A, -EP	PT-1-24-01-63	TP-24-02 (2 REQ'D)
-02, -03	-EC -EC-P, -EC-A	PT-1-24-01-60	TP-09 (2 REQ'D)
-02, -03	-EP-A, -EP-A-P	PT-1-24-02-15	TP-03 (2 REQ'D)

MATERIAL:
INSULATOR:
BLACK LIQUID CRYSTAL POLYMER

TERMINAL:
PHOSPHOR BRONZE

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: PURVIS 04-22-96

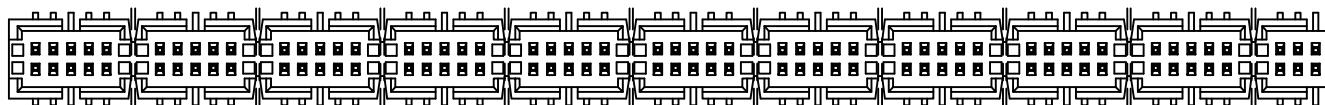
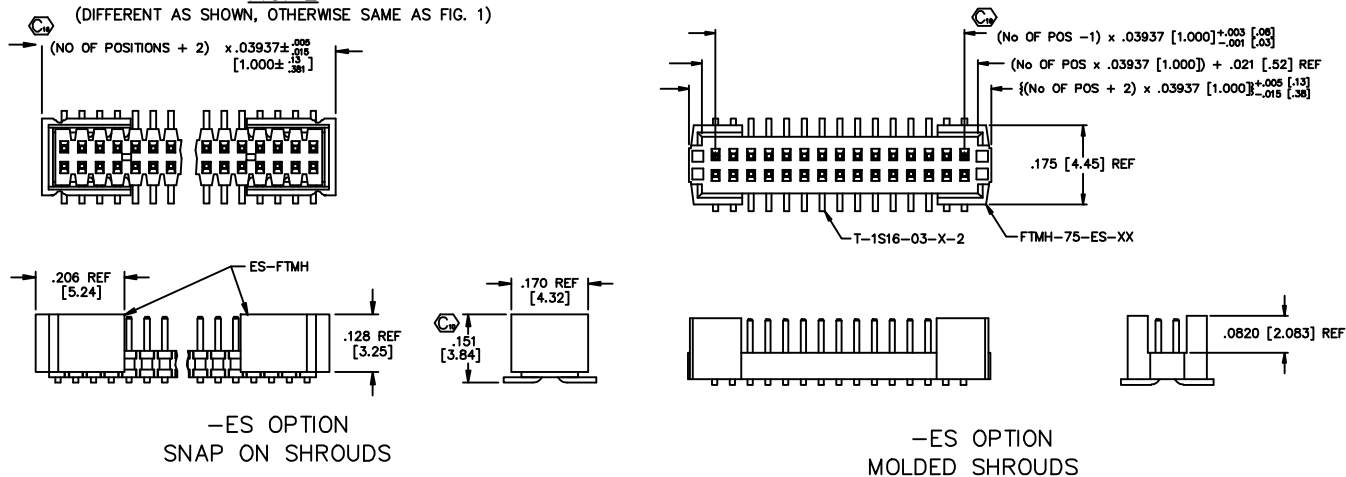
FTMH-1XX-XX-XX-DV-XX
sheet 1 of 4

REV. AX

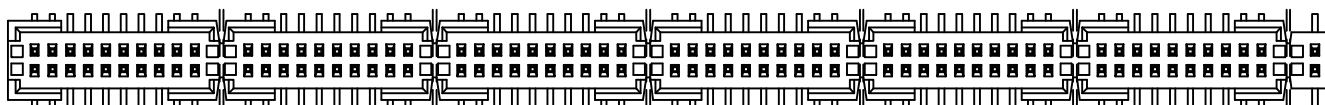
DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	TITLE: 1mm x 1mm DOUBLE VERTICAL SMT TERMINAL STRIP	DWG NO: FTMH-1XX-XX-XX-DV-XX SHEET 2 OF 4
ONE PLACE DECIMALS $\pm .1[2.5]$	THREE PLACE DECIMALS $\pm .005[.13]$	ANGLES $\pm 2^\circ$	TWO PLACE DECIMALS $\pm .01[.25]$		
		FOUR PLACE DECIMALS $\pm .0020[.051]$			

FIG. 2

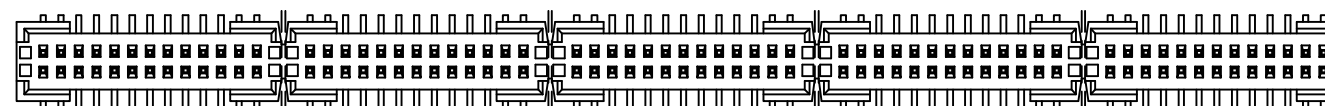
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



FTMH-105-XX-XX-DV-ES SHOWN (BEFORE CUT)



FTMH-110-XX-XX-DV-ES SHOWN (BEFORE CUT)



FTMH-113-XX-XX-DV-ES SHOWN (BEFORE CUT)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE
AND RETRIEVAL SYSTEM, WITHOUT THE
WRITTEN CONSENT OF SAMTEC INC.

samtec

MSC00010
FTMH002

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 • P.O. BOX 1147
CODE 55322

MADE BY:
PURVIS 04-22-96

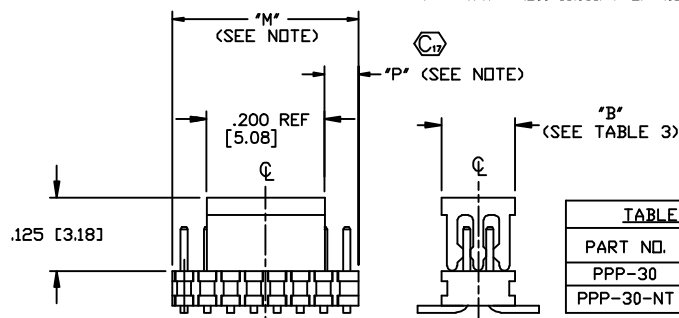
FTMH-1XX-XX-XX-DV-XX
sheet 2 of 4

REV. AX

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	TITLE:	DWG NO:
ONE PLACE DECIMALS $\pm .1[2.5]$	THREE PLACE DECIMALS $\pm .005[.13]$	ANGLES $\pm 2^\circ$	DOUBLE VERTICAL SMT TERMINAL STRIP	1mm x 1mm	FTMH-1XX-XX-XX-DV-XX
TWO PLACE DECIMALS $\pm .01[.25]$	FOUR PLACE DECIMALS $\pm .0020[.051]$				SHEET 3 OF 4

FIG. 3
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

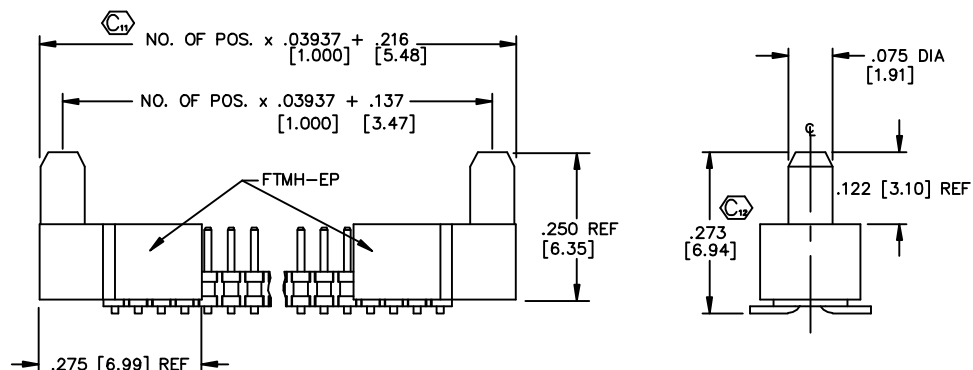
NOTE: "M" = USED MEASURED DIMENSION (REF)
"P" = $(\llcorner "M" - .200 [5.08] / 2) \pm .020 [5.1]$



-P OPTION

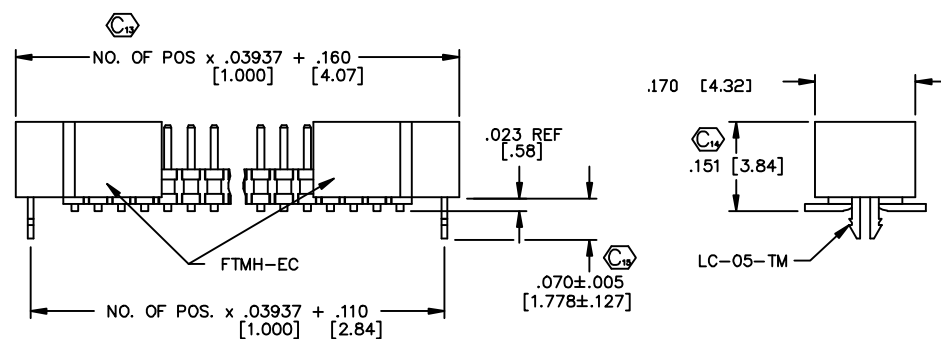
TABLE 3	
PART NO.	"B"
PPP-30	.125[3.18]
PPP-30-NT	.190[4.83]

FIG. 4
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



-EP OPTION (USE ONLY WHEN MATING WITH CLM)

FIG. 5
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



-EC OPTION

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS, ELECTRONIC
OR MECHANICAL, INCLUDING PHOTOCOPYING,
RECORDING, OR BY ANY INFORMATION
STORAGE OR RETRIEVAL SYSTEM, WITHOUT THE
WRITTEN CONSENT OF SAMTEC INC.

samtec

EXSPROD\1MM
FTMH-SM3

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY:
PURVIS 04-22-96

FTMH-1XX-XX-XX-DV-XX
sheet 3 of 4

REV. AX

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	TITLE:	DWG NO:
ONE PLACE DECIMALS $\pm .1$ [2.54]	THREE PLACE DECIMALS $\pm .005$ [.13]	ANGLES $\pm 1^\circ$		1mm x 1mm DOUBLE VERTICAL SMT TERMINAL STRIP	FTMH-1XX-XX-XX-DV-XX
TWO PLACE DECIMALS $\pm .01$ [.25]	FOUR PLACE DECIMALS $\pm .0010$ [.025]				SHEET 4 OF 4

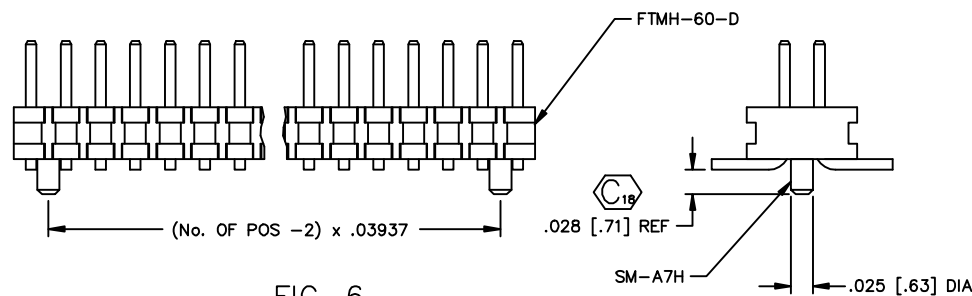


FIG. 6
-A OPTION
(STAKED)
MIN 7 POSITIONS FOR STAKING

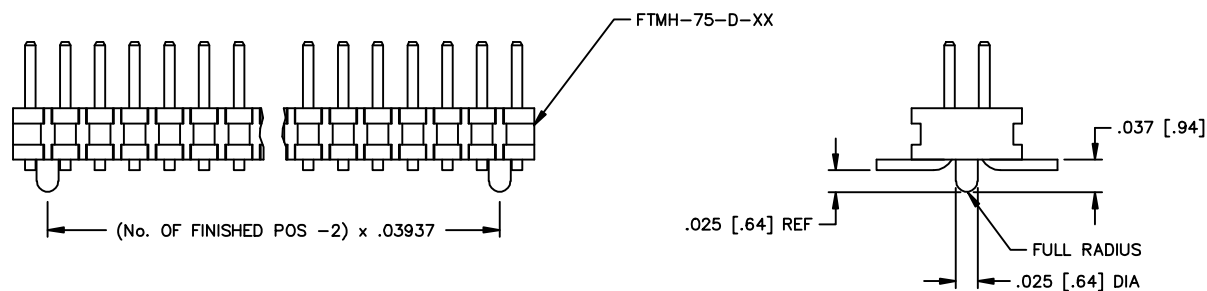


FIG. 7
-A OPTION
(MOLDED)
(3 POS MIN)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE
AND RETRIEVAL SYSTEM, WITHOUT THE
WRITTEN CONSENT OF SAMTEC INC.

 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-6733 P.O. BOX 1147 CODE 55322		EXSPROD/ASSEMBLY/1MM FTMH-SM4
MADE BY: D JONES 12-03-96		FTMH-1XX-XX-XX-DV-XX sheet 4 of 4