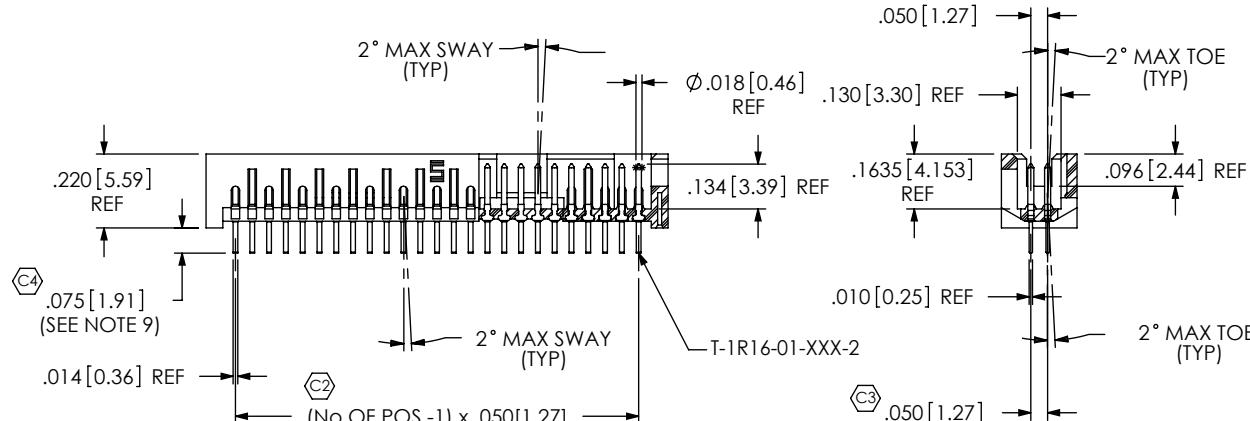
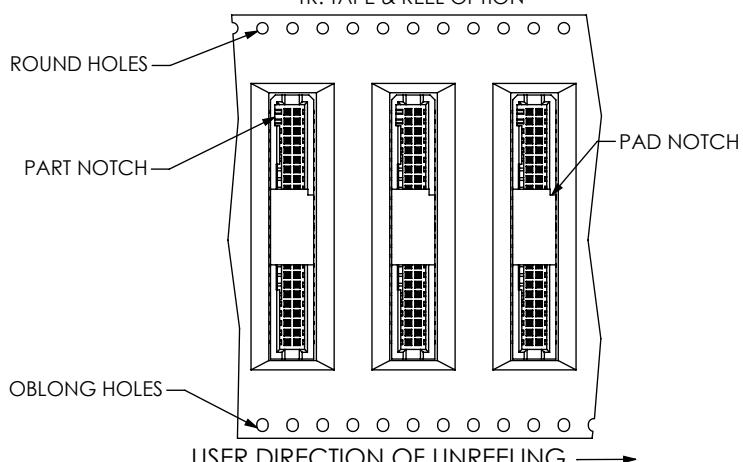
FIG. 1
-01: THROUGH HOLE

SECTION "A"- "A"

SECTION "B"- "B"

FIG. 2
-TR: TAPE & REEL OPTION

TFML-1XX-XX-XXX-D-XX

No OF POSITIONS -05,-07,-10 THRU -50 (PER ROW)

LEAD STYLE -01: THROUGH HOLE

-02: SURFACE MOUNT (SEE FIG.3, SHT 2)

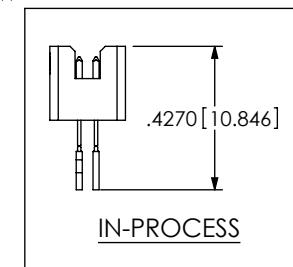
PLATING SPECIFICATION

- S: SELECTIVE (USE T-1R16-XX-S-X)
- L: LIGHT SELECTIVE (USE T-1R16-XX-L-X)
- F: FLASH GOLD (USE T-1R16-XX-F-X)
- P: GOLD FLASH PALLADIUM NICKEL (USE T-1R16-XX-P-X)
- H: HEAVY GOLD (USE T-1R16-XX-H-X)
- FM: SELECTIVE FLASH GOLD, MATTE TIN TAIL (USE T-1R16-XX-F-X)
- LM: SELECTIVE LIGHT GOLD, MATTE TIN TAIL (USE T-1R16-XX-L-X)
- SM: SELECTIVE HEAVY GOLD, MATTE TIN TAIL (USE T-1R16-XX-S-X)
- STL: SELECTIVE TIN LEAD (USE T-1R16-XX-STL-X)

AH

ROW SPECIFICATION

- D: DOUBLE ROW



NOTES:

1. \odot REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY: POSITIONS -10 THRU -26: .004[0.10] POSITIONS -27 THRU -50: .006[0.15].
3. MANUFACTURING IN-PROCESS DIMENSION DESIGNED TO ACHIEVE FINISHED ASSEMBLY.
4. MINIMUM PUSHOUT FORCE: 1.0 LB [4.4 N].
5. MAXIMUM ALLOWABLE BOW: .004 INCH/INCH [0.10 MM/MM] AFTER ASSEMBLY.
6. MEASURED FROM BEND.
7. POSITIONS -05 AND -07 WILL ONLY HAVE ONE CLIP AT DIMENSION SHOWN; POSITIONS -10 THROUGH -24 WILL HAVE ONLY ONE CLIP AT DIMENSION SHOWN; POSITIONS -25 THROUGH -34 WILL HAVE TWO CLIPS AT DIMENSION SHOWN; POSITIONS -35 THROUGH -50 WILL HAVE THREE CLIPS: TWO AT DIMENSION SHOWN & ONE CENTERED ON INSULATOR.
8. NOTE DELETED.
9. .003[0.08] MAXIMUM TERMINAL BURR
10. .005[0.13] MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO PINS.
11. DIMENSION IS NOT APPLICABLE FOR -05 AND -07 POSITION.

TABLE 1	
NO OF POS.	"A"
EVEN	.310
ODD (EXCL. -05,-07 POS)	.360
-05,-07	.113

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS .XX: $\pm .01$
.XXX: $\pm .005$
.XXXX: $\pm .0020$

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MATERIAL: VECTRA E130i, COLOR: BLACK
CONTACT: PHOS BRONZE, THICKNESS: .018

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SHEET SCALE: 1.75:1

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

DESCRIPTION:	.050 SHROUDED TERMINAL ASSEMBLY	
DWG. NO.	TFML-1XX-XX-XXX-D-XX	
BY:	DEANP	4/8/99
SHEET 1 OF 4		

FIG. 3
-02: SURFACE MOUNT
(SHOWN: TFML-125-02-XXX-D)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)

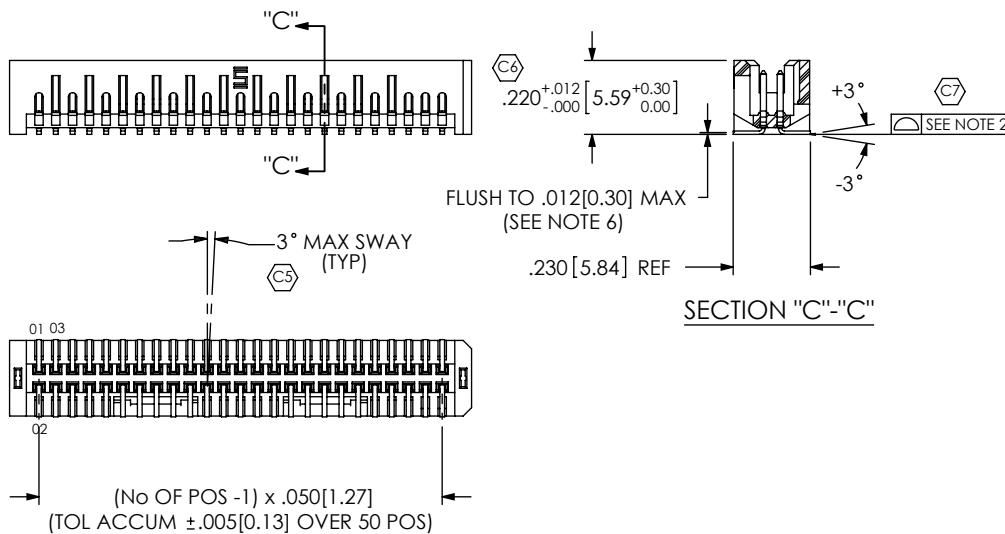


FIG. 5
-P: PICK & PLACE PAD OPTION
(SHOWN: TFML-125-02-XXX-D-P)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
NOTCH ON PAD TO BE ON SAME END AS NOTCH IN TFM BODY

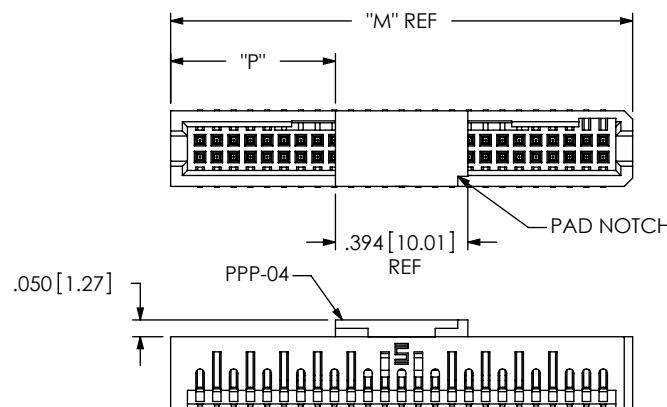


FIG. 4
-RA: RIGHT ANGLE OPTION
(SHOWN: TFML-125-01-XXX-D-RA)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)

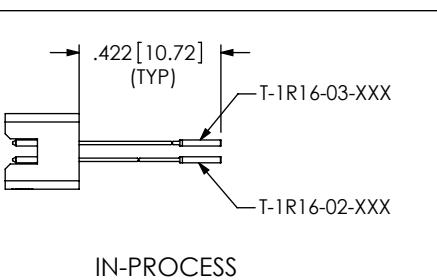
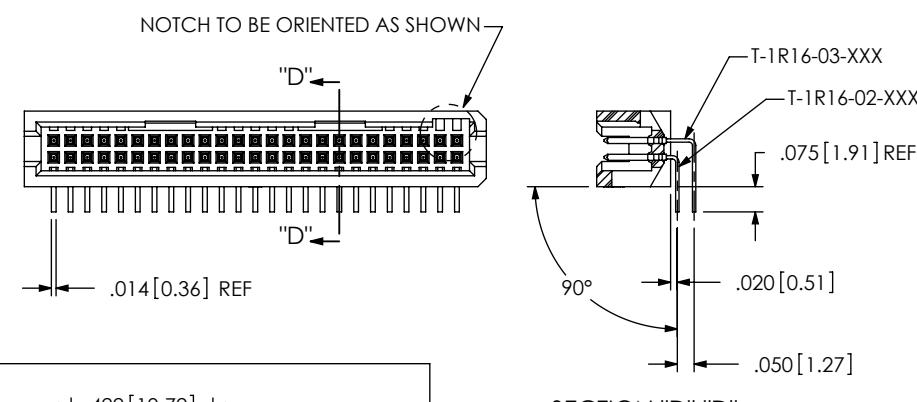
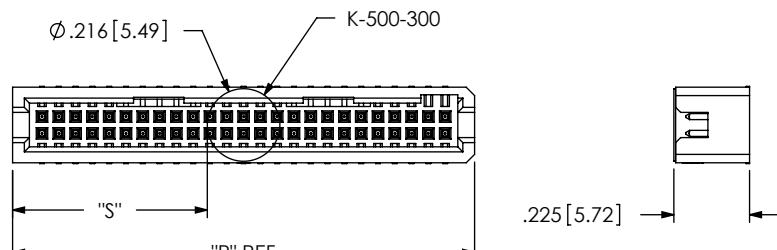


FIG. 6
-K: POLYAMIDE FILM PAD OPTION
(SHOWN: TFML-125-02-XXX-D-K)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)



NOTE: "R" = (No OF POS x .050[1.27]) + .125[3.18]
"S" = {"R" - .216[5.49]} / 2 \pm .020[0.51]

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: .050 SHROUDED TERMINAL ASSEMBLY

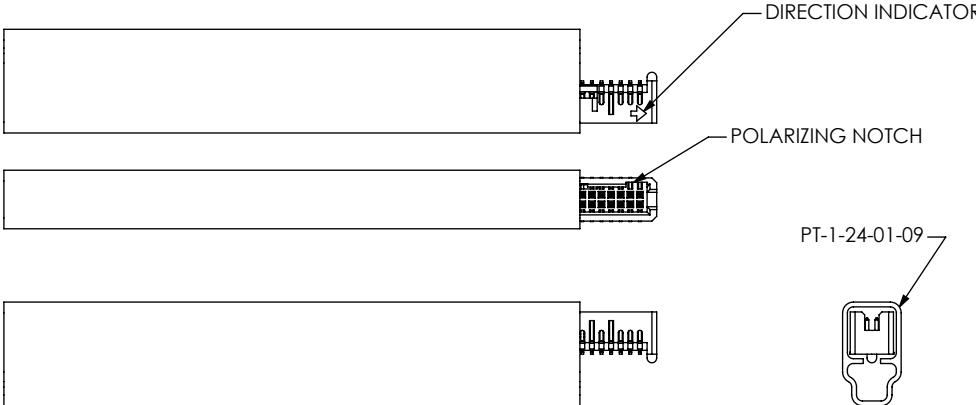
DWG. NO.

TFML-1XX-XX-XXX-D-XX

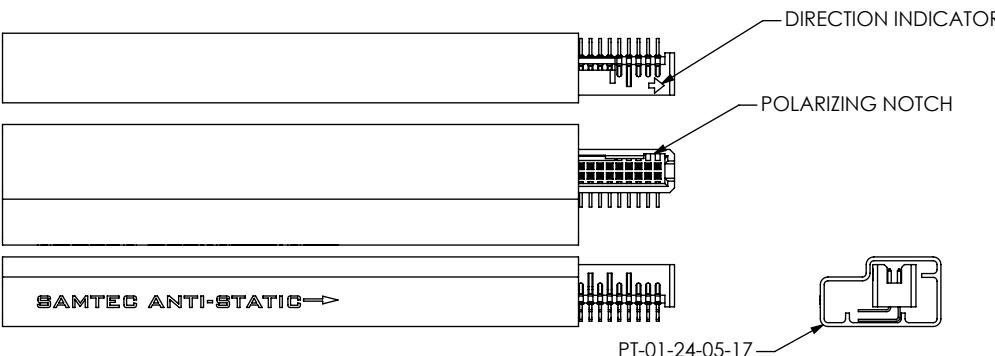
BY: DEANP 4/8/99 SHEET 2 OF 4

PACKAGING VIEWS

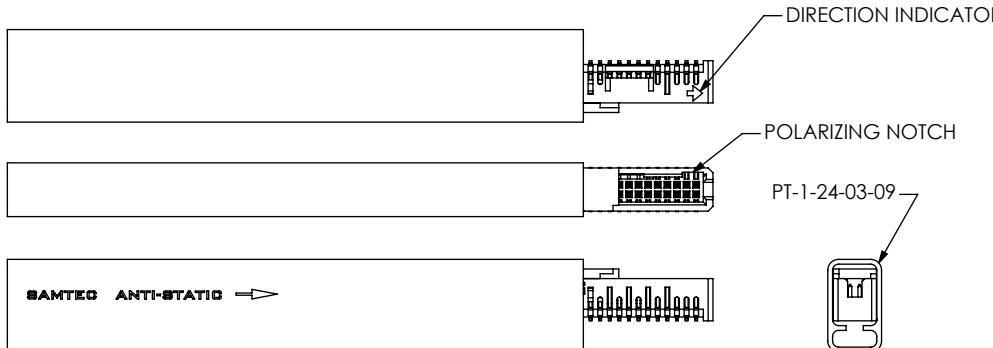
PARTS TO BE POSITIONED WITH POLARIZING NOTCH FACING THE SAMTEC LOGO AND ARROW.



PARTS TO BE POSITIONED WITH TAILS FACING LOGO SIDE OF TUBE AND POLARIZING NOTCH ORIENTED AS SHOWN



POSITION PARTS WITH POLARIZING NOTCH ORIENTED AS SHOWN



LEAD STYLE	PACKAGING TUBE	PLUG
-RA ONLY	PT-1-24-05-17	TP-07
-01,-02 EXCEPT -RA OR -P	PT-1-24-01-09	TP-24
-01-P,-02-P	PT-1-24-03-09	TP-03

FIG. 7

-A: ALIGNMENT PIN OPTION
(SHOWN: TFML-125-02-XXX-D-A)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
-NOT AVAILABLE WITH -RA

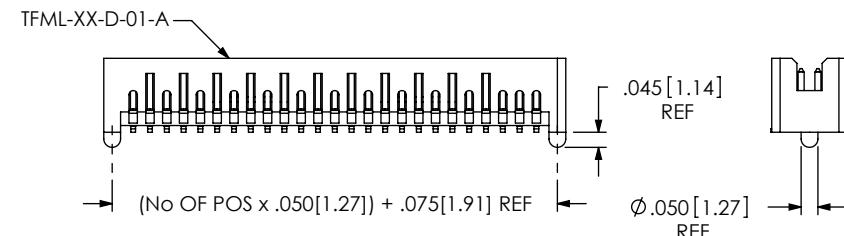


FIG. 8

-SA: STAKED ALIGNMENT PIN OPTION
(SHOWN: TFML-125-02-XXX-D-SA)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
-NOT AVAILABLE ON -RA

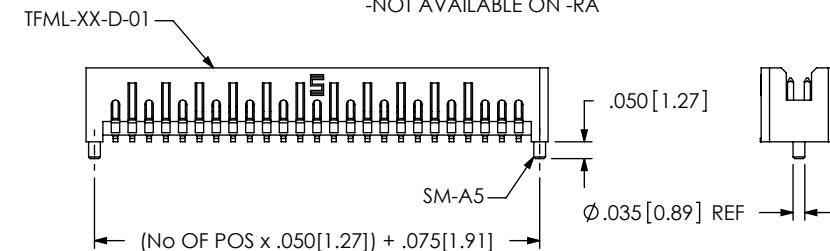
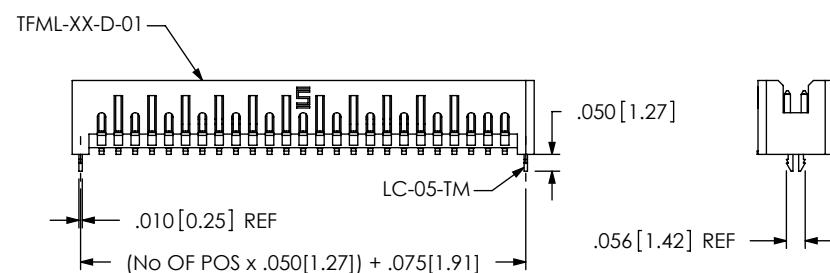


FIG. 9

-LC: LOCKING CLIP OPTION
(SHOWN: TFML-125-02-XXX-D-LC)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
-NOT AVAILABLE ON -RA



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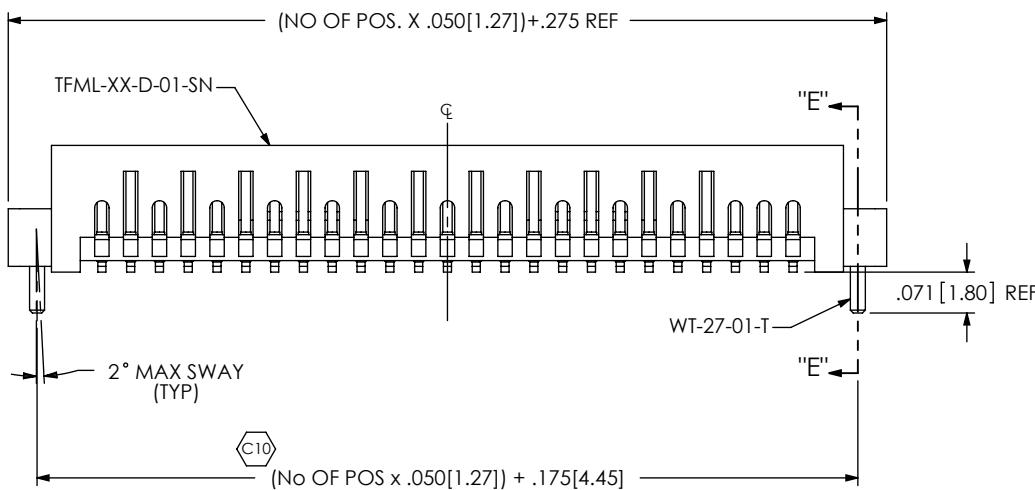
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BY: DEANP 4/8/99 SHEET 3 OF 4

FIG. 10

-SN: SOLDER PIN OPTION
 (SHOWN: TFML-125-02-XXX-D-SN)
 (SAME AS FIG. 1, UNLESS OTHERWISE STATED)
 (ONLY AVAILABLE ON -02 LEAD STYLE)



SECTION "E"- "E"

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