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

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

LEAD STYLE
-01: THROUGH HOLE
(SEE FIG. 1)
-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

OPTION
-A: ALIGNMENT PIN (USE TFML-XX-D-01-A)
(SEE FIG. 7, SHT 3)
-LC: LOCKING CLIP (USE LC-05-TM)
(SEE FIG. 9, SHT 3, N/A ON -RA OPTION)
-P: PICK & PLACE PAD (USE PPP-04)
(AVAIL IN ALL POSITIONS, N/A
ON -RA OPTION, SEE FIG. 5, SHT 2)
-RA: RIGHT ANGLE (LEAD STYLE -01 ONLY)
(SEE FIG. 4, SHT 2)
-TR: TAPE & REEL (SEE FIG. 2)
-SA: STAKED ALIGNMENT PIN (USE SM-A5)
(SEE FIG. 8, SHT 3)
-K: POLYAMIDE FILM (USE K-500-300)
(SEE FIG. 6, SHT 2) (N/A ON -RA)
-SN: SOLDER NAIL (USE TFML-XX-D-01-SN &
WT-27-01-T) (SEE FIG. 10, SHEET 4)
(AVAILABLE ON -02 LEAD STYLE ONLY)

ROW SPECIFICATION
-D: DOUBLE ROW

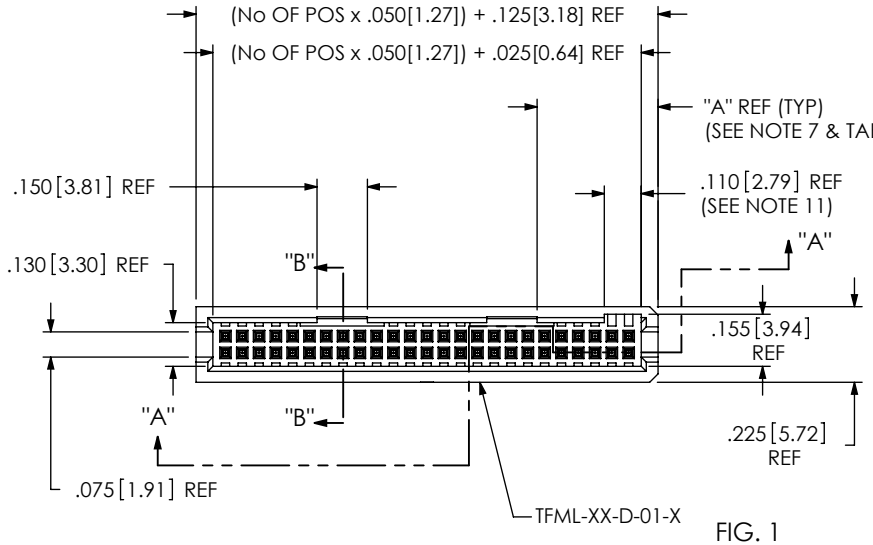
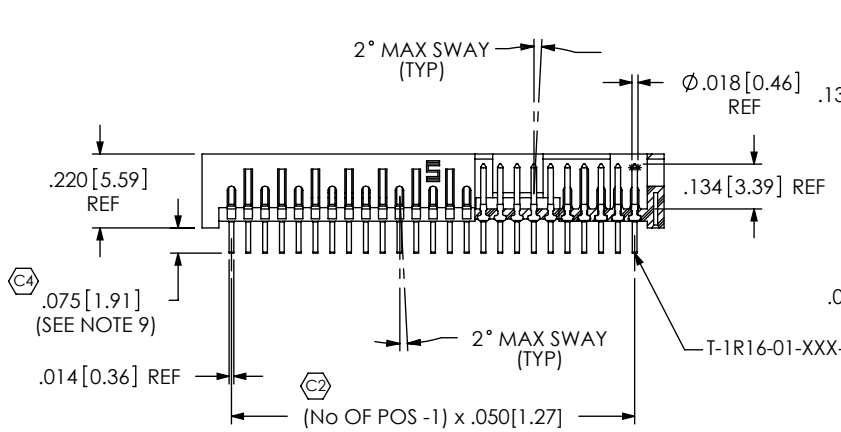
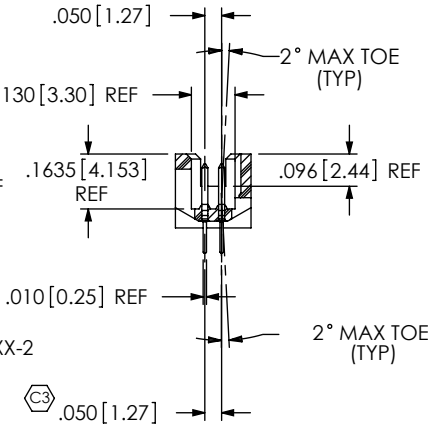


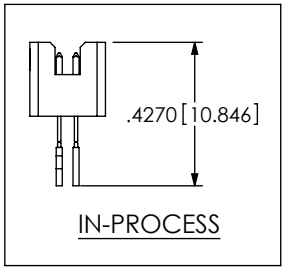
FIG. 1
-01: THROUGH HOLE



SECTION "A"-"A"



SECTION "B"-"B"



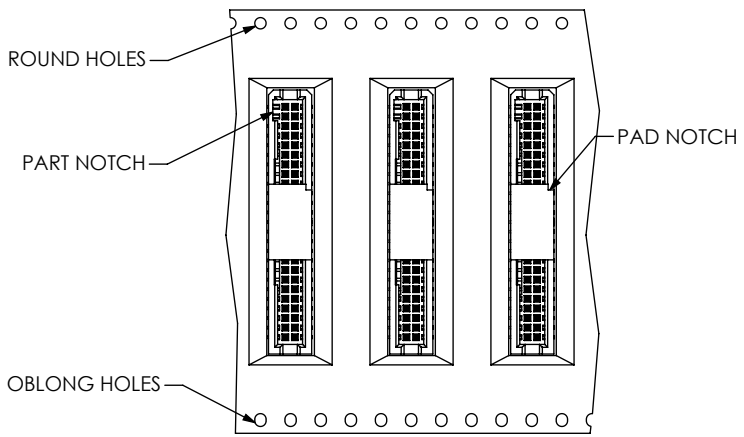
IN-PROCESS

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY: POSITIONS -10 THRU -26: .004[0.10]
POSITIONS -27 THRU -50: .006[0.15].
C1 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

FIG. 2
-TR: TAPE & REEL OPTION



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01
.XXX: ±.005
.XXXX: ±.0020
ANGLES
2°

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

DO NOT SCALE DRAWING SHEET SCALE: 1.75:1

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

DESCRIPTION:
.050 SHROUDED TERMINAL ASSEMBLY

DWG. NO.
TFML-1XX-XX-XXX-D-XX

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BY: DEANP 4/8/99

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FIG. 3

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

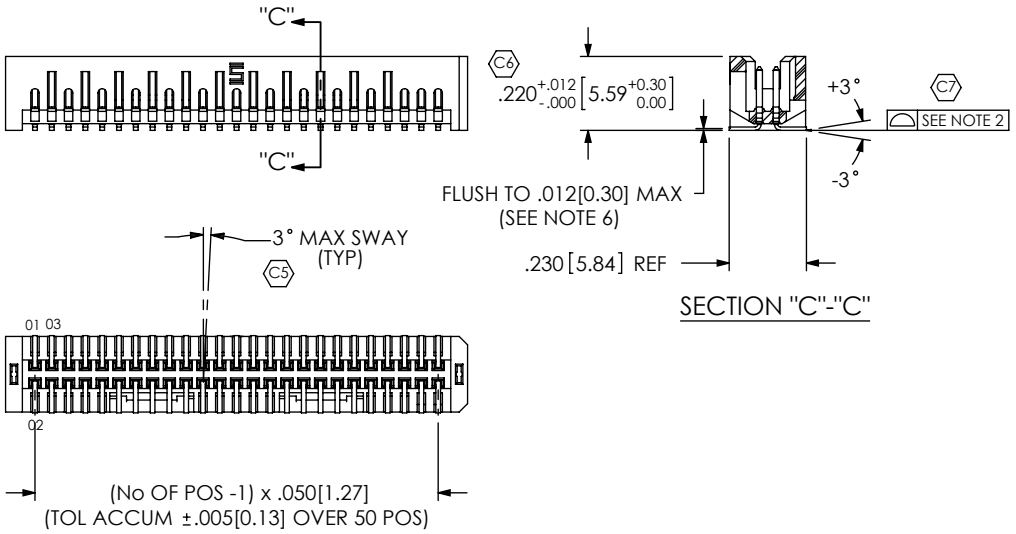
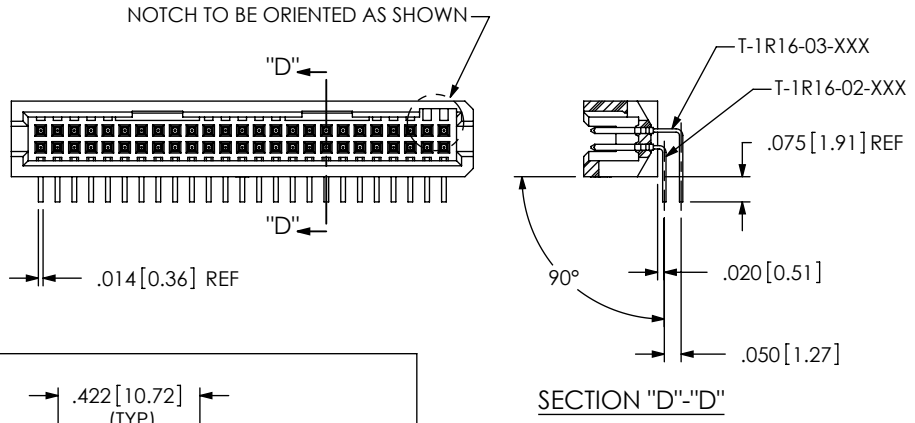
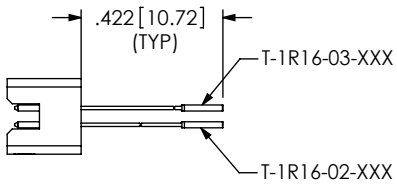


FIG. 4

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

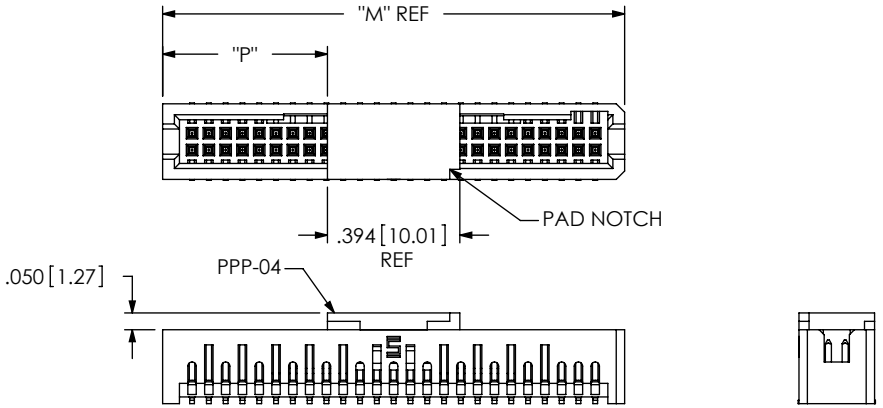




IN-PROCESS

FIG. 5

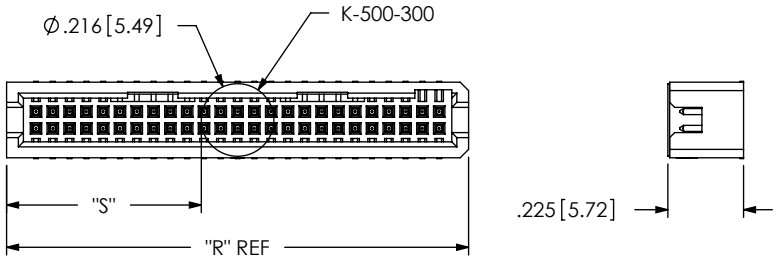
-P: PICK & PLACE PAD OPTION
(SHOWN: TFML-125-02-XXX-D-P)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
NOTCH ON PAD TO BE ON SAME END AS NOTCH IN TFM BODY



NOTE: "M" = (No OF POS x .050[1.27]) + .125[3.18]
"P" = {("M" - .394[10.00]) / 2} ±.020[0.51]

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} ±.020[0.51]

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

DESCRIPTION: .050 SHROUDED TERMINAL ASSEMBLY

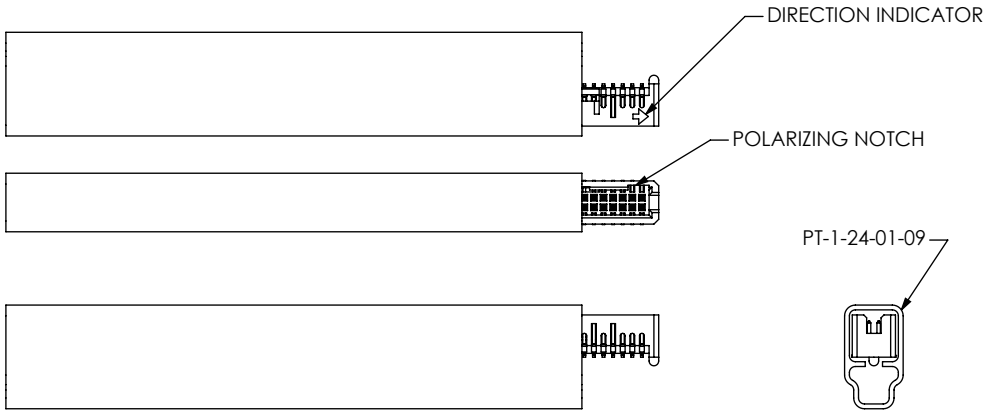
DWG. NO. TFML-1XX-XX-XXX-D-XX

BY: DEANP 4/8/99

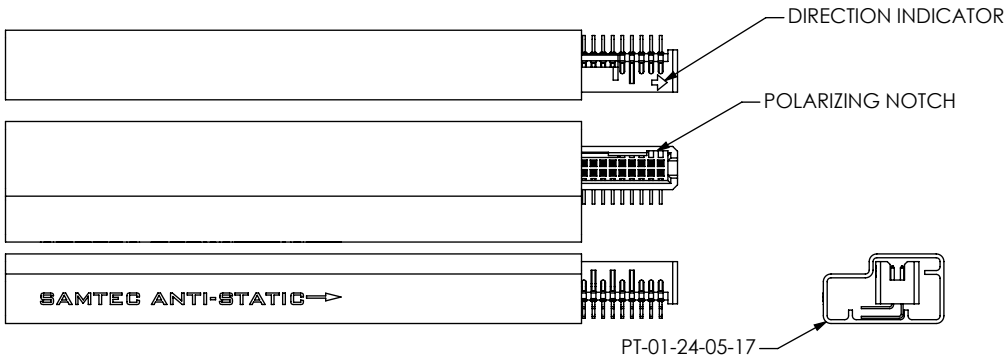
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PACKAGING VIEWS

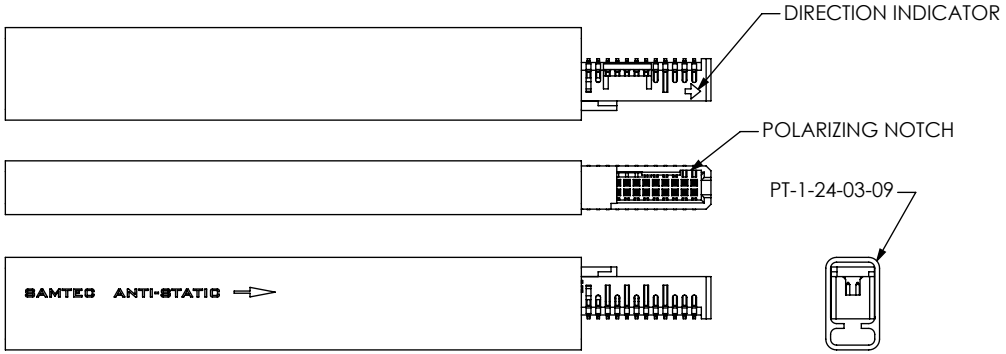
PARTS TO BE POSITIONED WITH POLARIZING NOTCH FACING THE SAMTEC LOGO AND ARROW.



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

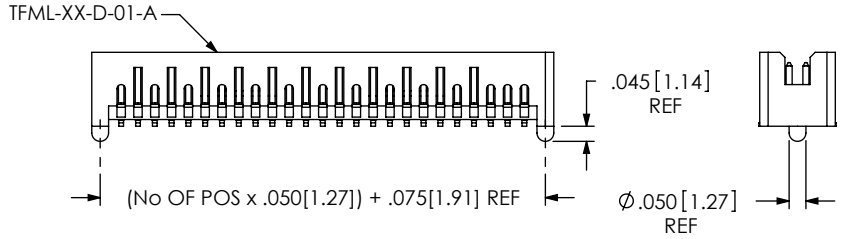


FIG. 8

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

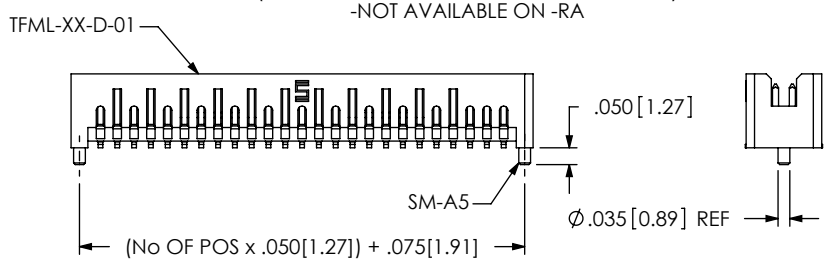
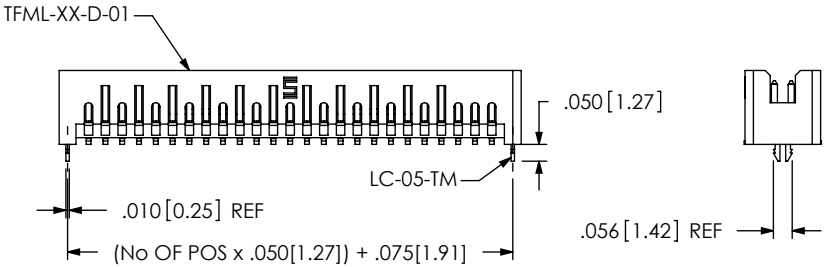


FIG. 9

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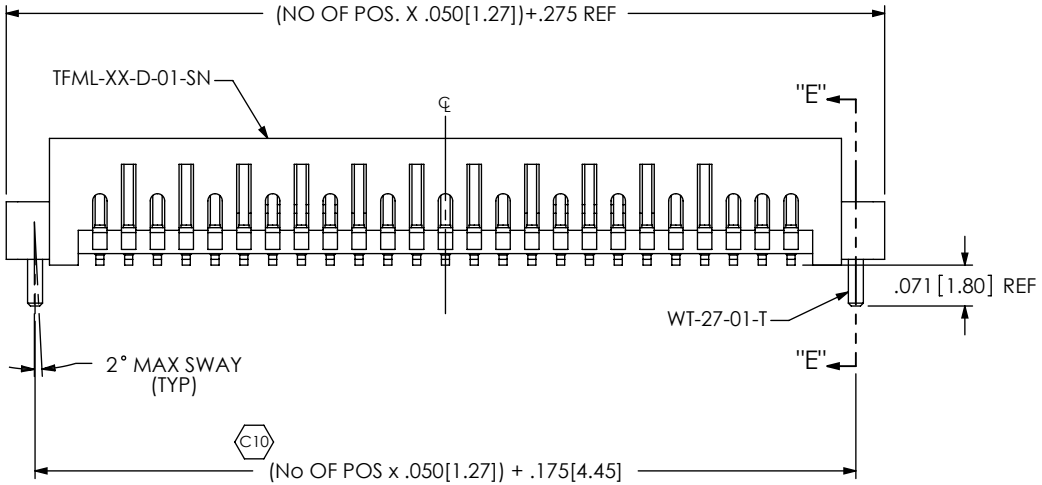
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TFML-1XX-XX-XXX-D-XX

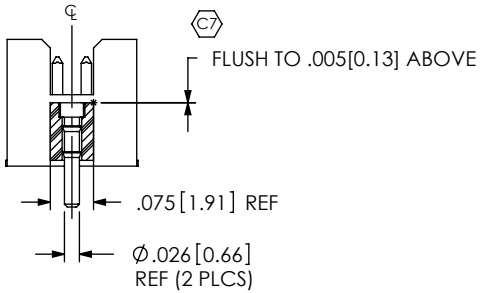
BY: DEANP 4/8/99

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

BY: DEANP 4/8/99

OCEAN CHIPS
Океан Электроники
Поставка электронных компонентов

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- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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AVIC JONHON

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