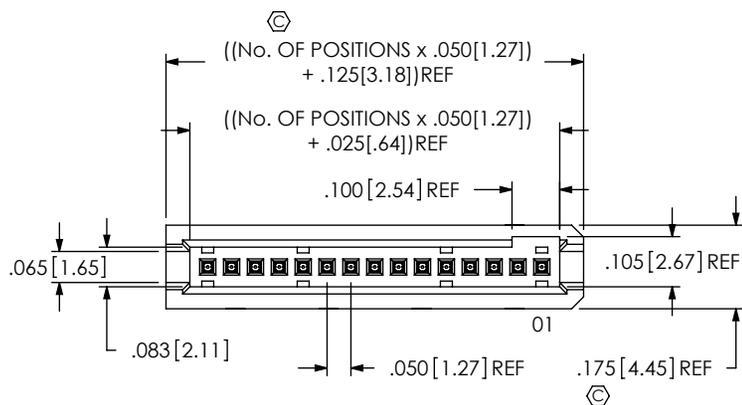


NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE TO BE 16 OZ FOR TERMINALS, 12 OZ FOR WELD TABS, AND 8 OZ FOR LOCKING CLIPS.
3. MEASURED FROM BEND.
4. .003[.08] MAXIMUM TERMINAL BURR.
5. .005 MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO PINS.
6. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.



TFM-1XX-XX-X-S-XX

No OF POSITIONS
ALL POSITIONS AVAILABLE
-03 THRU -50

LEAD STYLE

- 01: T-1R16-01-X-2 THROUGH HOLE
- 02: T-1R16-01-X-2 SURFACE MOUNT
- *-03: T-1R16-10-X THROUGH HOLE

PLATING SPECIFICATIONS

- S: SELECTIVE (USE T-1R16-XX-S-XX)
- F: FLASHED GOLD (USE T-1R16-XX-F-XX)
- P: GOLD FLASHED PALLADIUM NICKEL (USE T-1R16-XX-P-XX)
- L: LIGHT GOLD (USE T-1R16-XX-L-XX)

OPTION

- A: ALIGNMENT PIN (USE TFM-XX-S-01-A) (NOT AVAILABLE WITH -WT OPTION) (SEE FIG. 5 SHEET 2)
- LC: LOCKING CLIP (USE LC-05-TM) (NOT AVAILABLE WITH -WT OPTION) (SEE FIG. 7 SHEET 3) (SEE NOTE 6)
- P: PICK AND PLACE PAD (USE PPP-15) (NOT AVAILABLE -03, -04 & -05 POSITIONS) (SEE FIG. 6 SHEET 2)
- K: POLYIMIDE FILM (SEE FIG. 3 SHEET 2) (USE K-500-300)
- WT: WELD TABS (USE WT-25-07-T) (SEE FIG. 4 SHEET 2) (AVAILABLE ON -05 THRU -30 POS ONLY) (NOT AVAILABLE WITH -A OR -LC OPTIONS)
- TR: TAPE & REEL (SEE SHEET 3, TAPE AND REEL VIEW)
- ** -SN: SOLDER NAIL (USE WT-27-03) (NOT AVAILABLE WITH -A, -LC, OR -WT OPTIONS) (SEE FIG. 8 SHEET 3)

BODY SPECIFICATION

- S: SINGLE ROW (USE TFM-XX-S-XX-XX)

* NOT RELEASED FOR PRODUCTION
** NOT TOOLED

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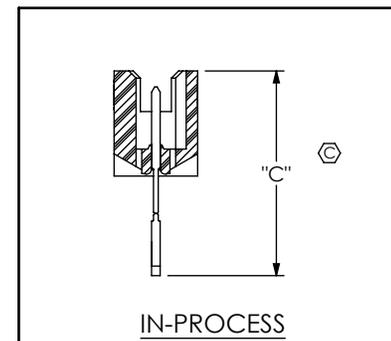
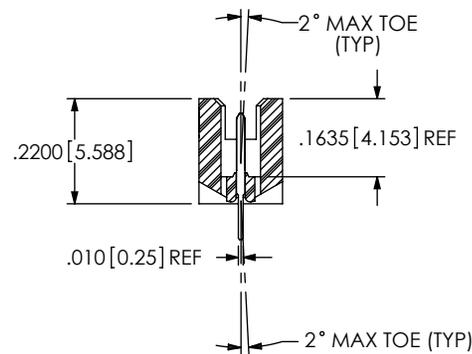
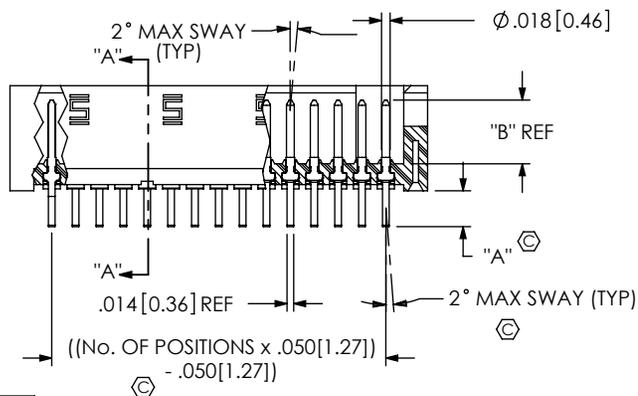


FIGURE 1
(TFM-115-01-X-S-XX SHOWN)

TABLE 1 ALLOWABLE COPLANARITY	
POSITIONS	
-03 THRU -29	.004 MAX
-030 THRU -39	.006 MAX
-40 THRU -50	.008 MAX

TABLE 2				
LEAD STYLE	BODY	"A"	"B"	"C"
-01	TFM-XX-S-XX-XX	0.075 [1.91]	0.133 [3.38]	0.4285 [10.884]
-02	TFM-XX-S-XX-XX	N/A	0.133 [3.38]	0.4285 [10.884]
-03	TFM-XX-S-XX-XX	0.109 [2.77]	0.140 [3.56]	0.644 [16.36]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.4
INSULATOR: LIQUID CRYSTAL POLYMER, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE

DESCRIPTION:
.050 C.L. SINGLE ROW SHROUDED TERMINAL STRIP

DWG. NO. TFM-1XX-XX-X-S-XX

BY: D. SCHMELZ 8/21/2008 SHEET 1 OF 3



520 PARK EAST BLVD. NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

FIGURE 2
SURFACE MOUNT
(TFM-115-02-X-S-XX SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

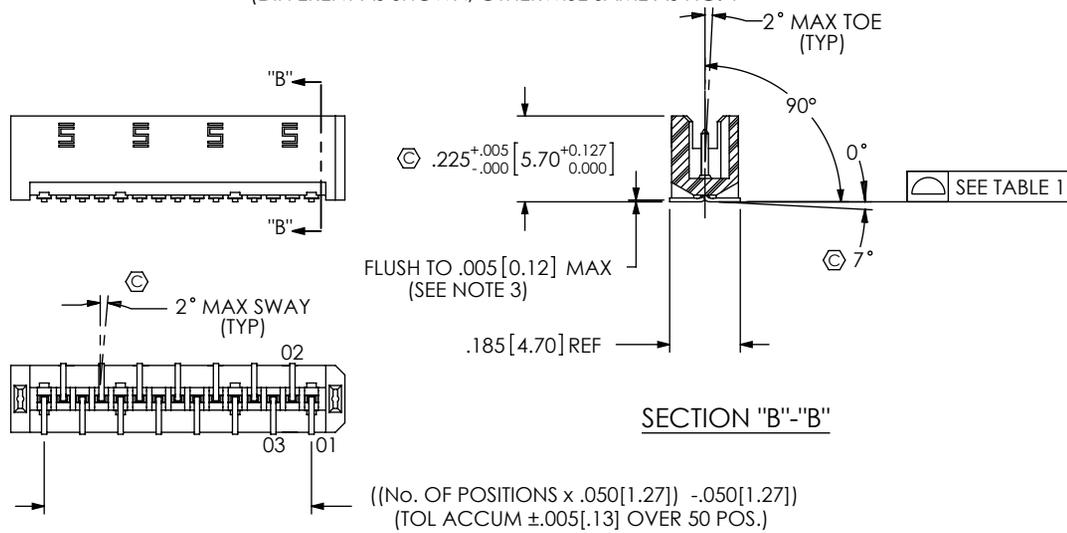


FIGURE 3
-K: POLYIMIDE FILM PAD
(TFM-115-02-X-S-K SHOWN)

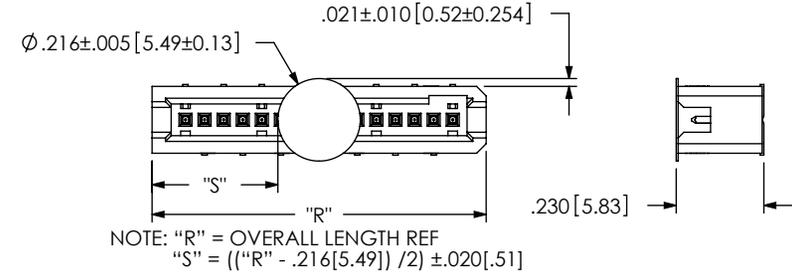


FIGURE 5
-A OPTION
(TFM-115-02-X-S-A SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

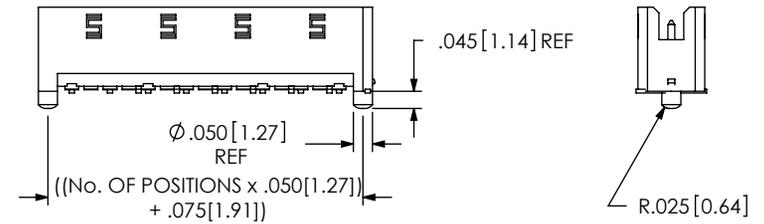


FIGURE 4
-WT OPTION
(TFM-115-01-X-S-WT SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

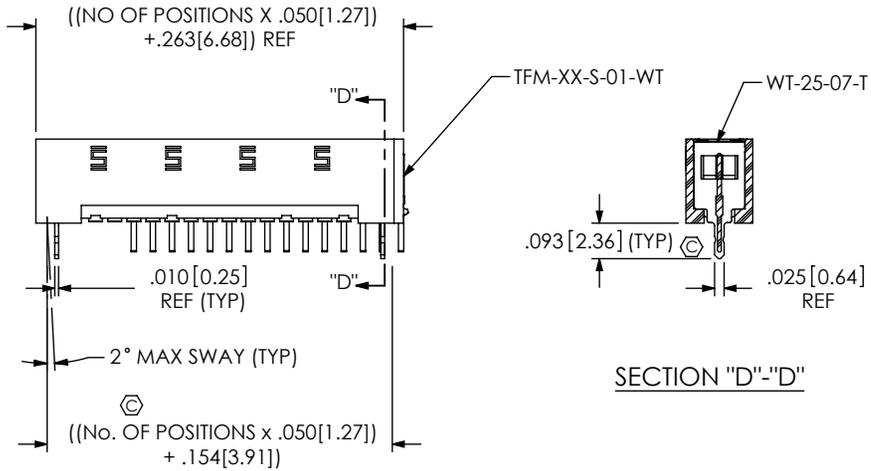
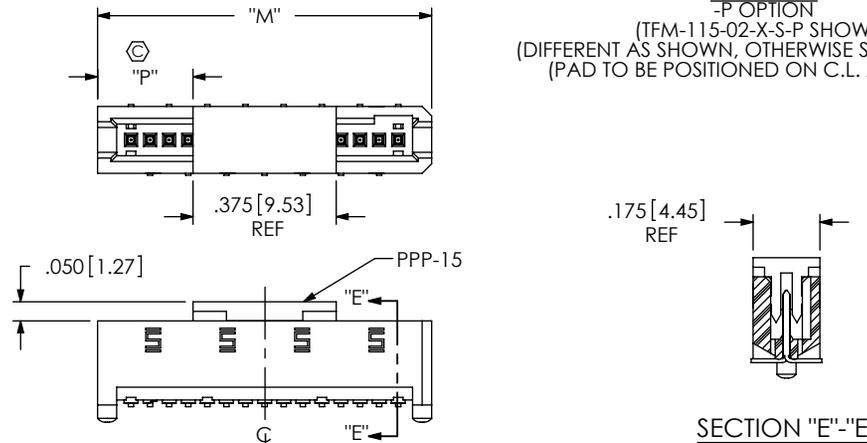


FIGURE 6
-P OPTION
(TFM-115-02-X-S-P SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(PAD TO BE POSITIONED ON C.L. AS SHOWN)



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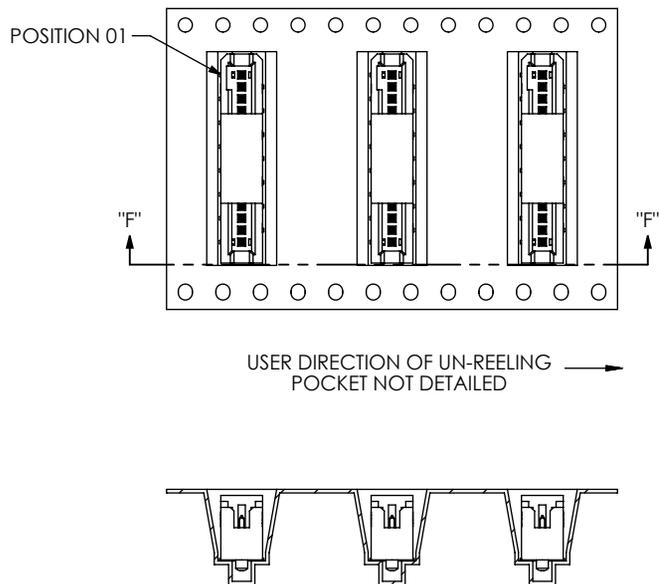
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.050 C.L. SINGLE ROW SHROUDED TERMINAL STRIP

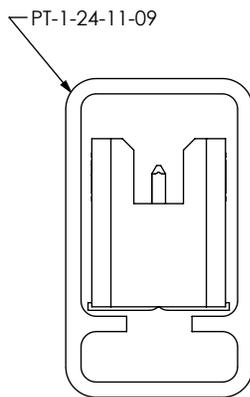
DWG. NO.
TFM-1XX-XX-X-S-XX

BY: D. SCHMELZ 8/21/2008 SHEET 2 OF 3

TAPE AND REEL VIEW



SECTION "F"-"F"
SCALE 1.25 : 1



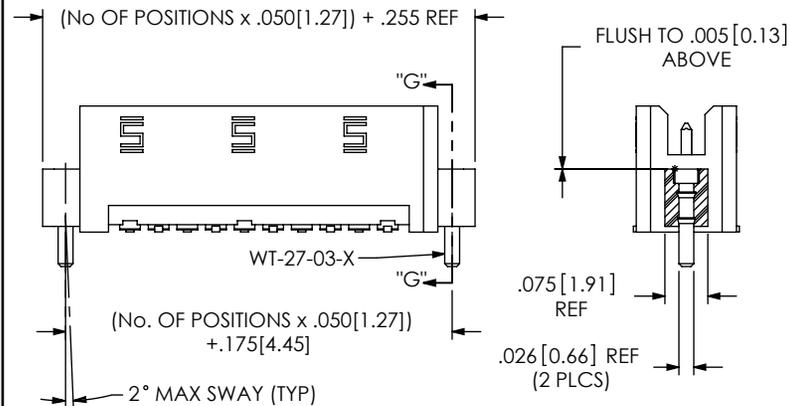
PACKAGING TUBE VIEW

NOTES:

- W** 1. USE PT-1-24-11-09 TUBE AND (2) TP-24 FOR -A, -WT, AND -SN PARTS
 2. USE PT-1-24-03-09 TUBE AND (2) TP-09 FOR -P-LC AND -K OPTION PARTS
 3. LOAD TUBE WITH 1ST POSITION IN SAME DIRECTION AS ARROW

W

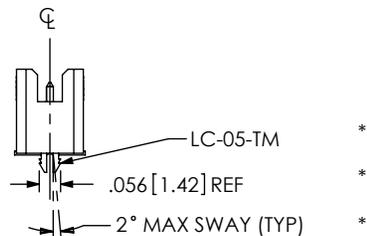
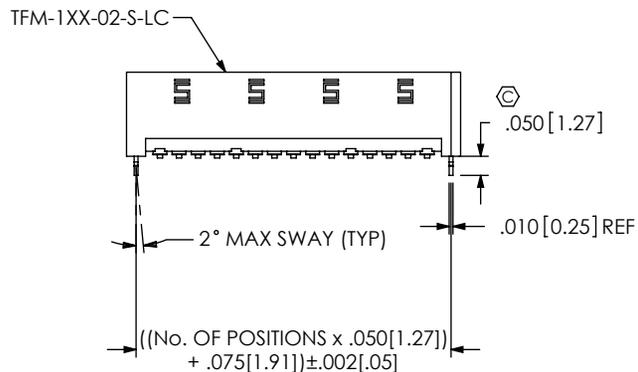
FIGURE 8
**** -SN OPTION**
 (TFM-110-02-X-S-SN SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



SECTION "G"-"G"
SCALE 3 : 1

**** NOT TOOLED**

FIGURE 7
 -LC OPTION
 (TFM-115-01-X-S-LC SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 2)



* INSPECT ONLY WHEN APPLICABLE WITH RESPECT TO ASSEMBLY OPTION

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