

NOTES:

1. \textcircled{C} REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .5 LB.
3. COPLANARITY: .004[0.10] = POS 05 THRU 26
.006[0.15] = POS 27 THRU 50
4. TUBE ALL POSITIONS. PARTS TO BE TUBED WITH NOTCH GOING WITH ARROW.
5. PINS CAN BE ORIENTED IN ANY DIRECTION; BOTH ROWS MUST FACE SAME WAY.
6. SEE NOTCH FOR PROPER ORIENTATION.
7. MAXIMUM PIN HEIGHT VARIATION: .003[0.08].
8. DUE TO 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.
9. MEASUREMENT TO BE TAKEN AT BEND.

SFC-1XX-XX-XX-D-XX

No OF POSITIONS
ALL POSITIONS AVAILABLE
-02 THRU -50

OPTIONS
(LEAVE BLANK FOR STANDARD AND USE SFM-XX-D)
-A: ALIGNMENT PIN (USE SFM-XX-D-A) (SEE FIG 4, SHT 2)
-LC: LOCKING CLIP (SEE FIG 6, SHT 3 & NOTE 8) (USE SFM-XX-D-LC)
-TR: TAPE & REEL (SEE SHT 3)
-K: POLYIMIDE FILM PAD (.005[0.13] THICKNESS) (SEE FIG 3, SHT 2) (USE K-DOT-.157-.250-.005)

BODY SPECIFICATION
-D: DOUBLE ROW

PLATING SPECIFICATION
-F: 3 μ " FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-L: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3 μ " FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-LM: 10 μ " LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

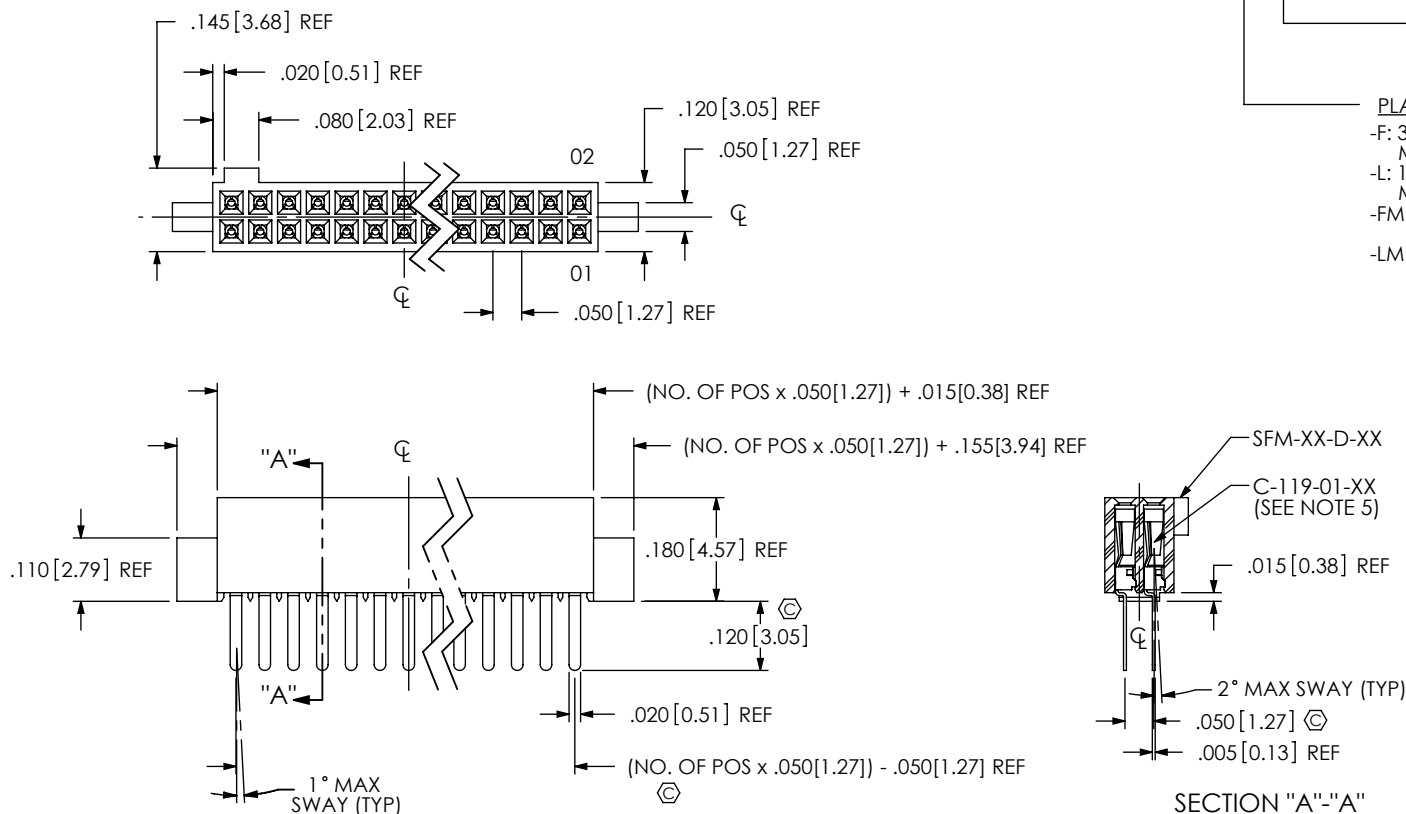


FIG 1
THROUGH HOLE/STRAIGHT MODIFIED

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01$ [.3] 2°
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.051]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOSPHOR BRONZE

SHEET SCALE: 3:1

DESCRIPTION:
.050 x .050 SOCKET STRIP DOUBLE ROW ASSEMBLY

DWG. NO.
SFC-1XX-XX-XX-D-XX

BY: BRATCHER 5/25/01

SHEET 1 OF 3

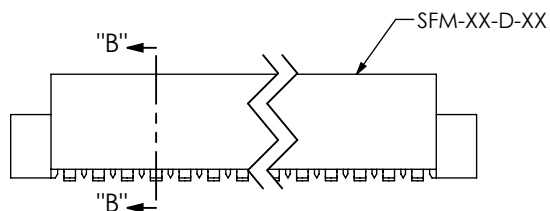
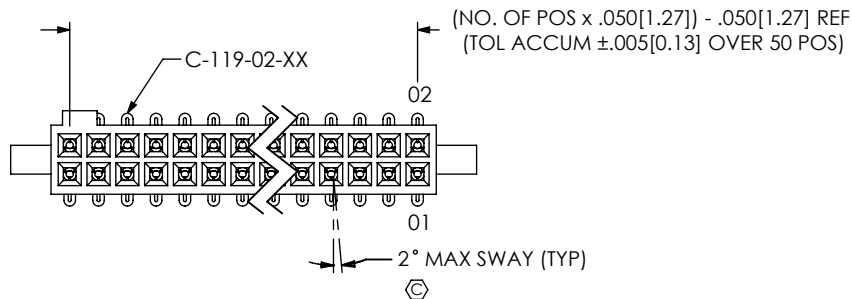
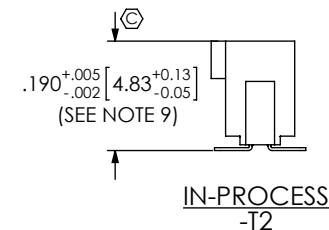
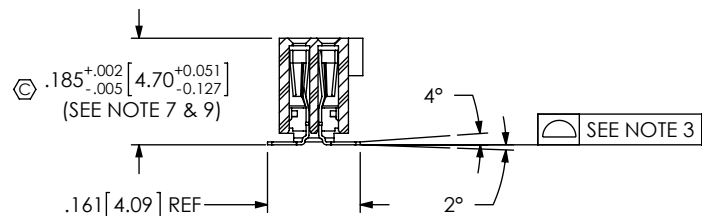


FIG 2
-T2: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



FOR HAND FILL ONLY
NOTE: DIMENSION APPLIES PRIOR
TO RE-PRESS, SEE SECTION "B-B"
FOR FINISHED DIMENSION

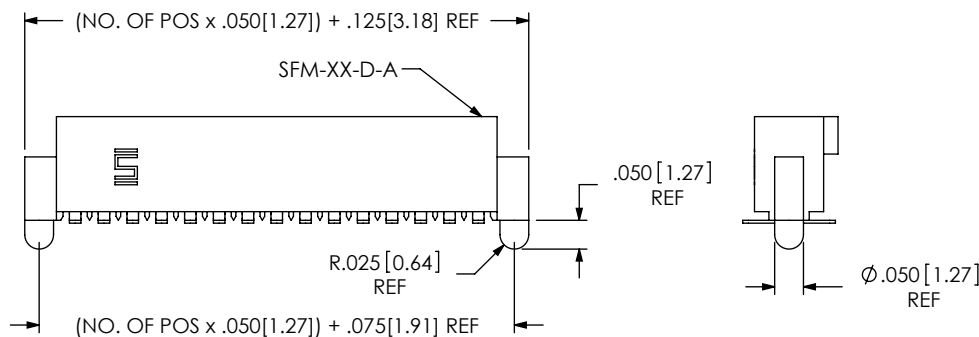


FIG 4
-A: ALIGNMENT PIN
(SAME AS FIG 2, DIFFERENT AS SHOWN)

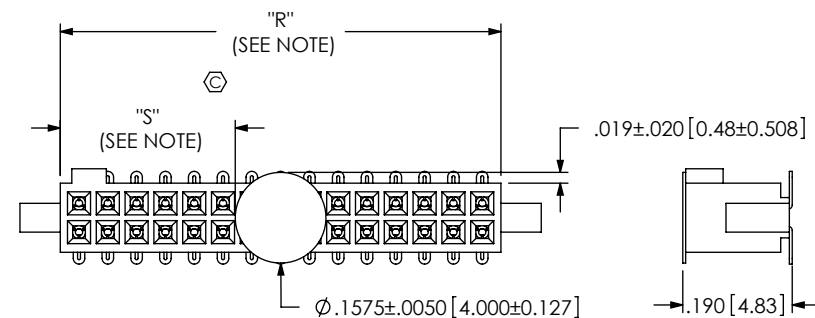


FIG 3
-K: POLYIMIDE FILM PAD
(SAME AS FIG 2, DIFFERENT AS SHOWN)
NOTE: "R" = USED MEASURED DIMENSION REF
"S" = {"R" - .1575[4.000]}/2±.020[0.51]

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DO NOT SCALE DRAWING

SHEET SCALE: 3:1

DESCRIPTION:
.050 x .050 SOCKET STRIP DOUBLE ROW ASSEMBLY

DWG. NO.
SFC-1XX-XX-XX-D-XX

BY: BRATCHER 5/25/01 SHEET 2 OF 3

REVISION X

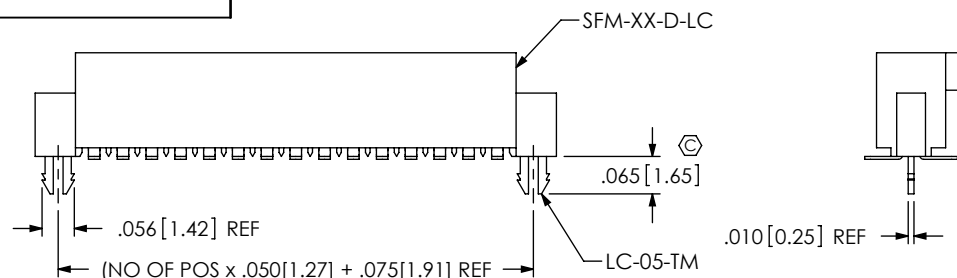
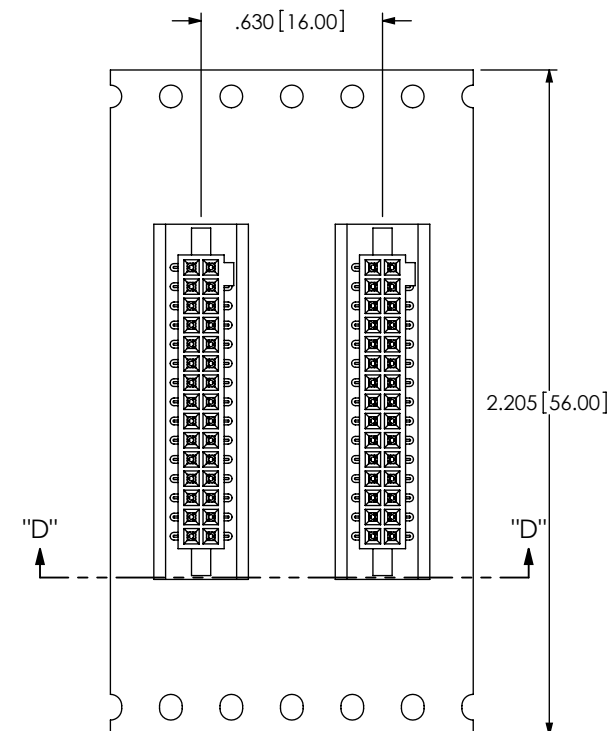
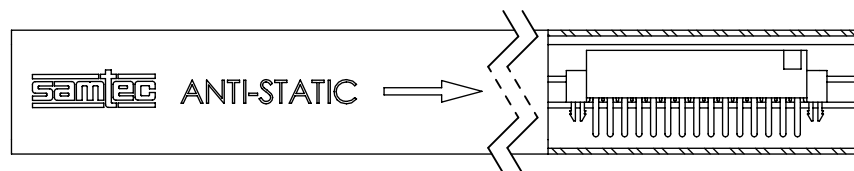
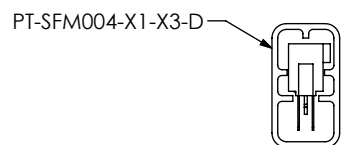
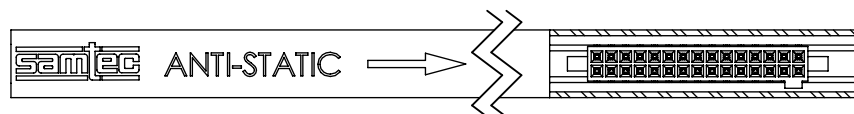
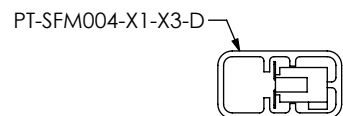
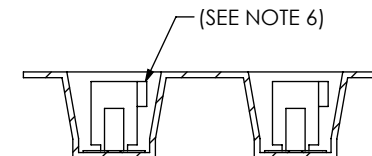


FIG 6
-LC: LOCKING CLIP
(SAME AS FIG 2, DIFFERENT AS SHOWN)



UNWINDING DIRECTION →



SECTION "D"-"D"
SCALE 2 : 1

PACKAGING VIEW
-TR: TAPE AND REEL

| LEAD STYLE | PACKAGING TUBE | PLUG |
|--|-------------------|----------|
| -105-T2-X-D, -105-T2-X-D-LC, -105-T2-D-A, -105-T2-D-K-LC | PT-1-24-14-09 | TP-24-02 |
| -T1-D, -T1-D-LC, -T1-D-A, -T1-D-K | PT-SFM004-X1-X3-D | TP-24-02 |
| -T2-D, -T2-D-K, -T2-D-LC, -T2-D-A, -T2-D-K-A, -T2-D-LC-K | PT-SFM004-X1-X3-D | TP-24-02 |
| -102-T1-D, -102-T1-D-LC, -102-T1-D-A, -102-T1-D-K | PT-1-24-15-09 | TP-24-02 |

5 POS -T1 LEAD STYLE MAY BE TUBED USING
PT-1-24-15-09, TP-24-02

F:\DWG\MISC\MKTG\SFC-1XX-XX-XX-D-XX-MKT.SLDDRW

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[117-T1-L-D](#)