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DO NOT SCALE FROM THIS PRINT

NOTES:

1. ⓒ 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]. FROM PIN TO PIN AND ROW TO ROW, MUST BE MEASURED BETWEEN ADJACENT PINS.
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.
10. -TR OPTION ORDERS INVOLVING PARTIAL REEL QUANTITIES MAY BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
11. -FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.
12. LOAD VISION TRAYS WITH PIN #1 OPPOSITE STANDARD - AWAY FROM THE TERMINAL INDICATOR SIDE OF TRAY.

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

No OF POSITIONS
ALL POSITIONS AVAILABLE
-02 THRU -50

LEAD STYLE
-T1: THROUGH HOLE (SEE FIG. 1, SHT. 1)
-T2: SURFACE MOUNT (SEE FIG. 2, SHT. 2)

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) (SEE NOTE 10)
-FR: FULL REEL QTY. TAPE & REEL (SEE NOTE 11)
-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: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-LM: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

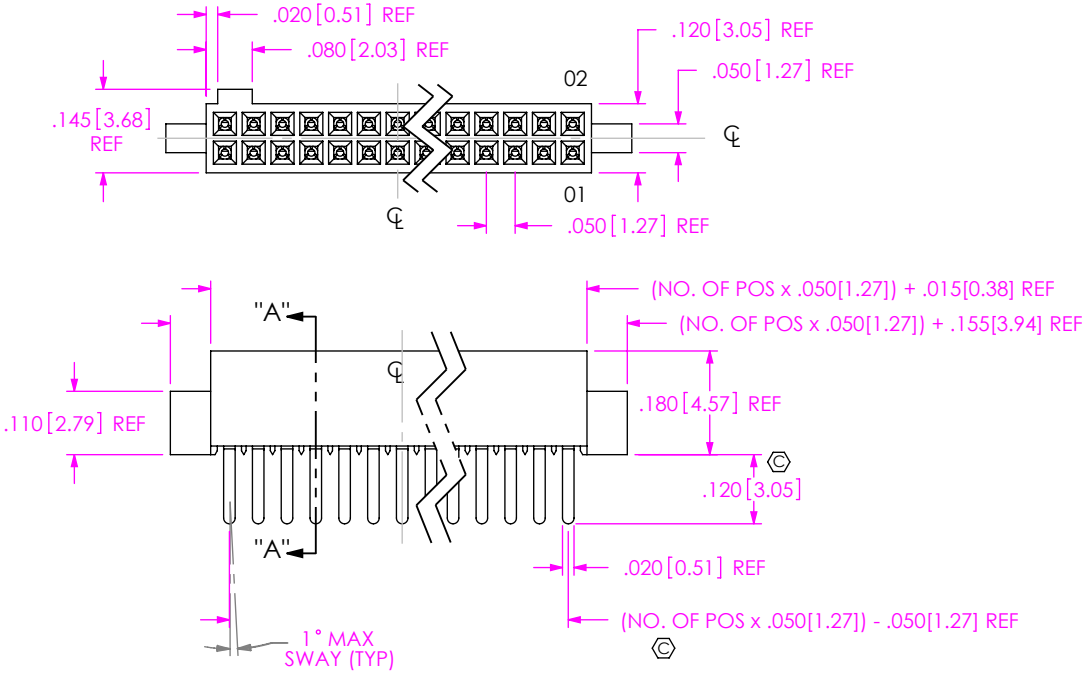
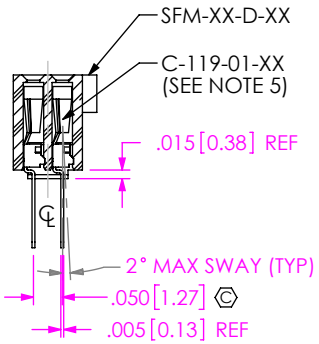


FIG 1
THROUGH HOLE/STRAIGHT MODIFIED



SECTION "A"-"A"

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

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e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOSPHOR BRONZE

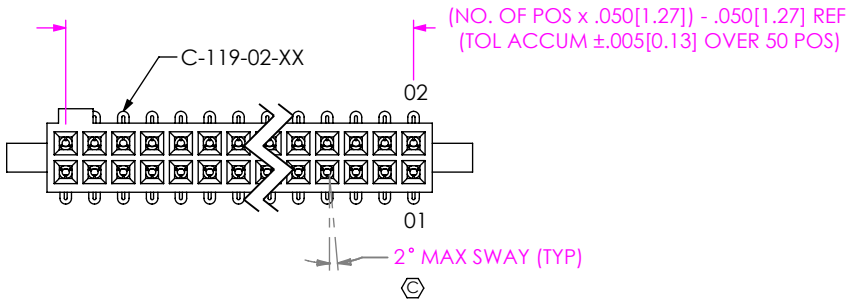
DESCRIPTION:
.050 x .050 SOCKET STRIP DOUBLE ROW ASSEMBLY

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

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BY: BRATCHER 5/25/01

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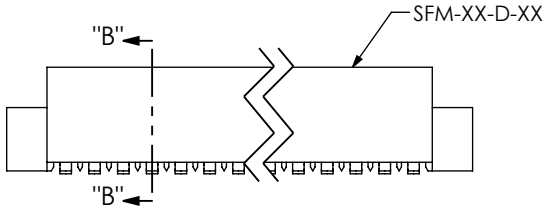
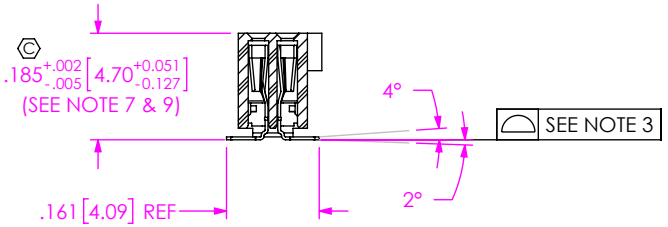
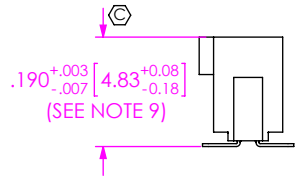


FIG 2
-T2: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



SECTION "B"-"B"



IN-PROCESS
-T2

FOR HAND FILL ONLY

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

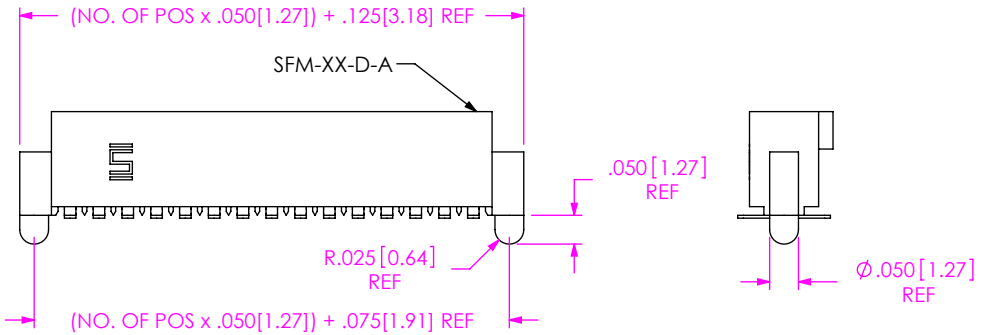


FIG 4
-A: ALIGNMENT PIN
(SAME AS FIG 2, DIFFERENT AS SHOWN)

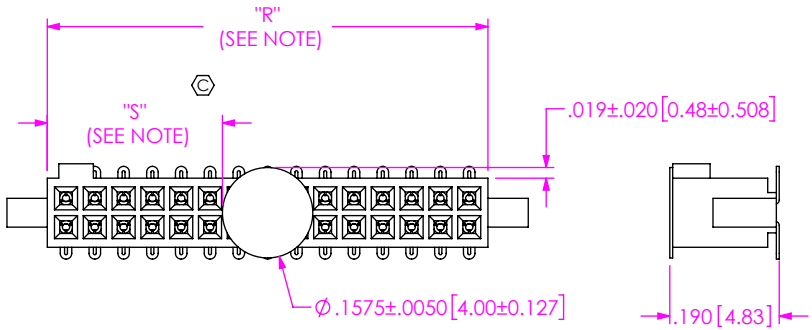


FIG 3
-K: POLYIMIDE FILM PAD
(SAME AS FIG 2, DIFFERENT AS SHOWN)

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

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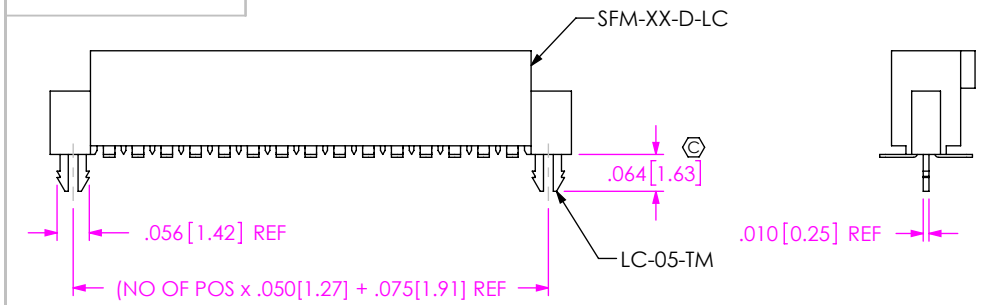
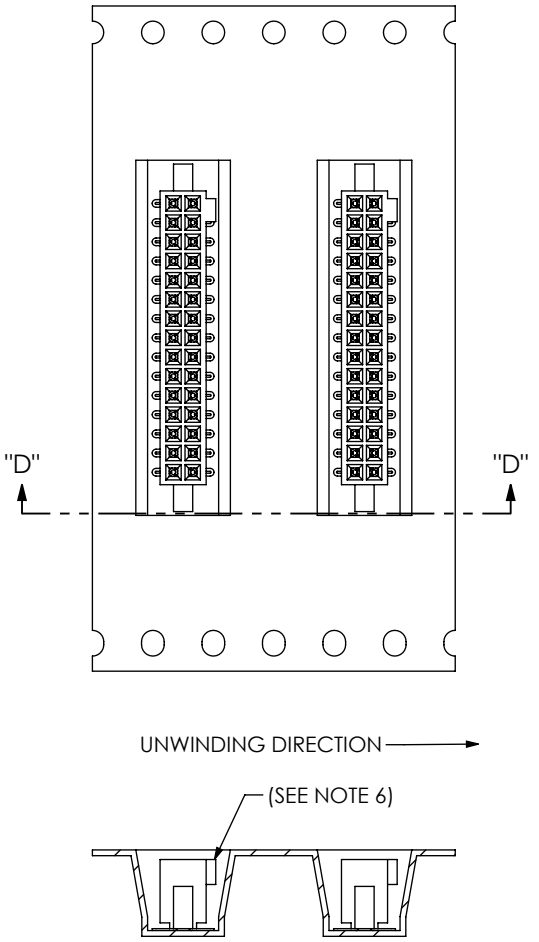


FIG 6
-LC: LOCKING CLIP
(SAME AS FIG 2, DIFFERENT AS SHOWN)







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, -102-T2-X-D, -102-T2-X-D-LC, -102-T2-D-A, -102-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

*FOR MACHINE LOADING OF TUBES FOR PARTS W/O PADS USE PT-1-24-14-09, TP-24-02

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

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SHEET SCALE: 3:1

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

BY: BRATCHER 5/25/01