

DO NOT SCALE FROM THIS PRINT

NOTES:

1.  $\text{\textcircled{C}}$  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]. 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

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)

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

BODY SPECIFICATION  
-D: DOUBLE ROW

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

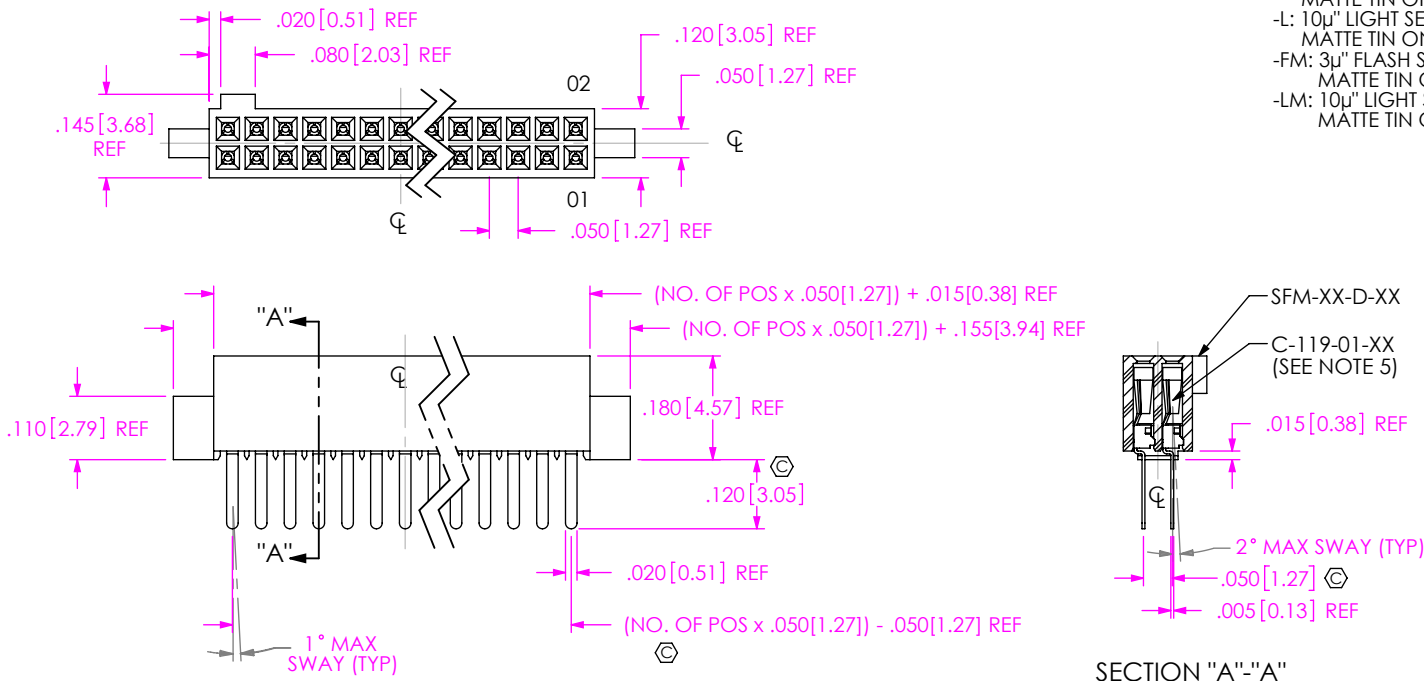


FIG 1 THROUGH HOLE/STRAIGHT MODIFIED

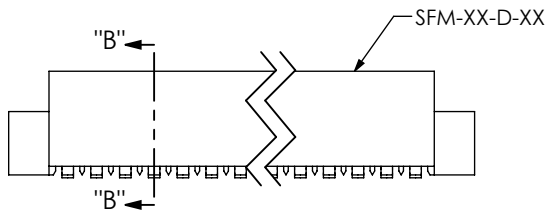
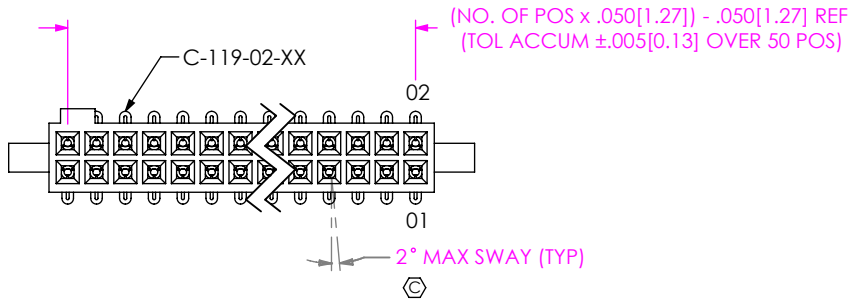
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
DECIMALS ANGLES  
.XX:  $\pm 0.01$  [.3] 2°  
.XXX:  $\pm 0.005$  [.13]  
.XXXX:  $\pm 0.0020$  [.051]

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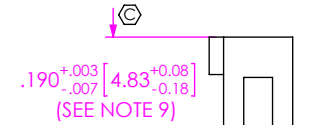
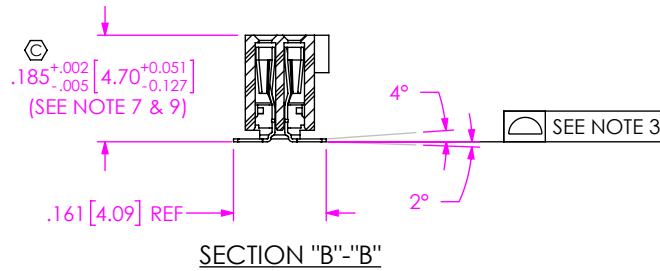


520 PARK EAST BLVD., NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

<b>MATERIAL:</b> 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. <b>SFC-1XX-XX-XX-D-XX</b>
BY: BRATCHER 5/25/01	SHEET 1 OF 3	

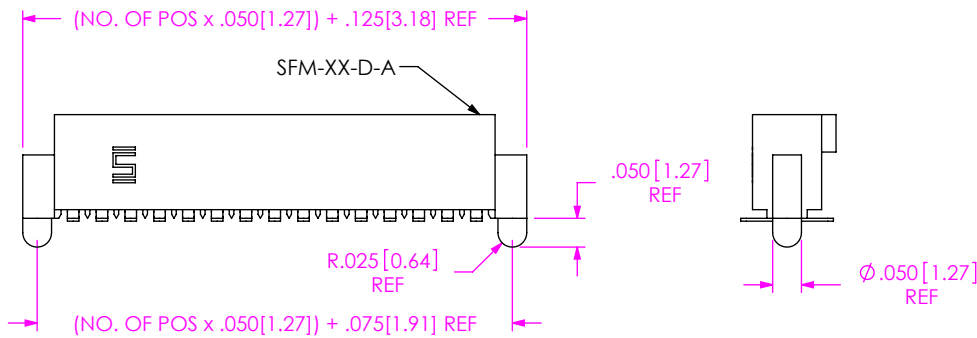


**FIG 2**  
-T2: SURFACE MOUNT  
(SAME AS FIG 1, DIFFERENT AS SHOWN)

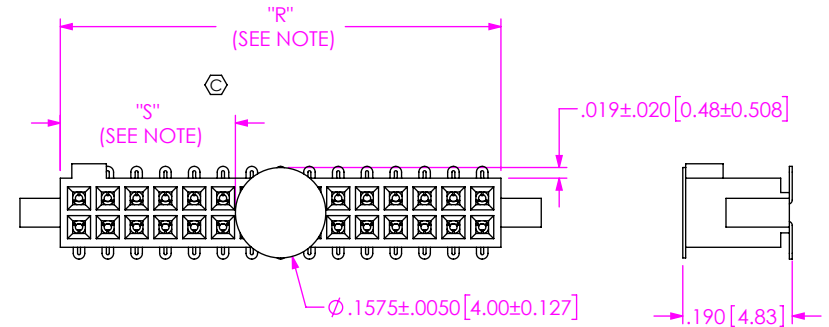


**IN-PROCESS**  
-T2

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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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

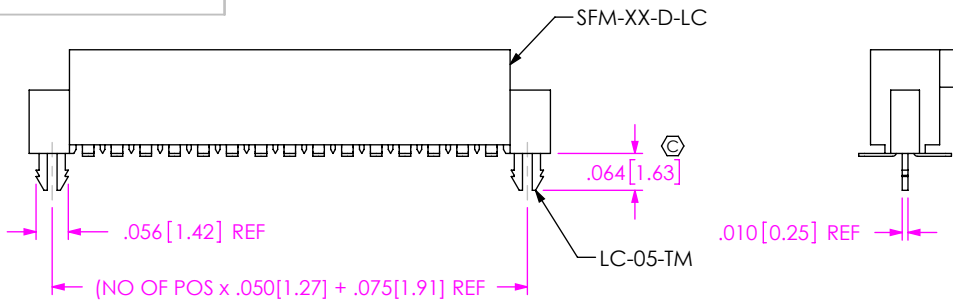
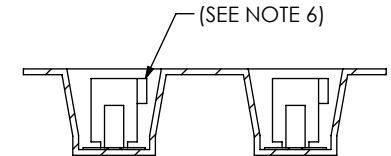
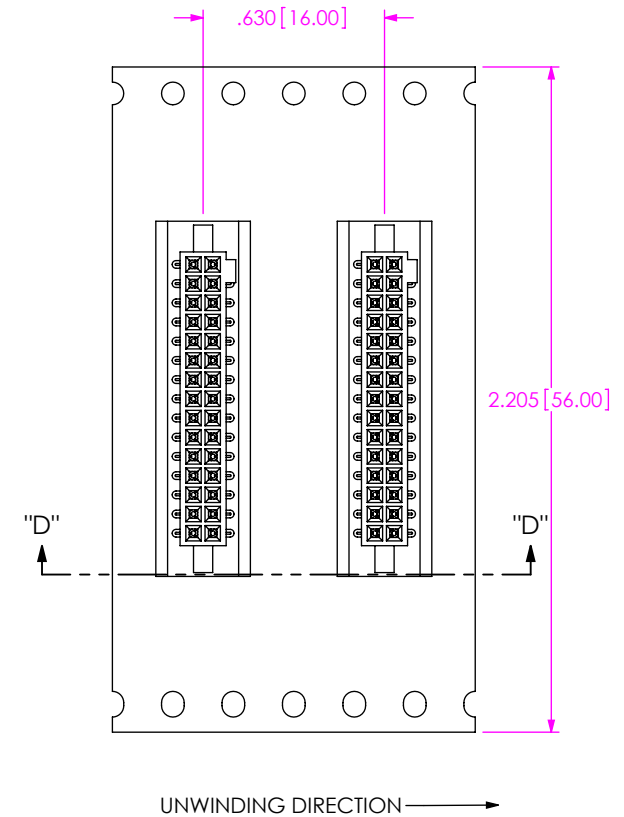
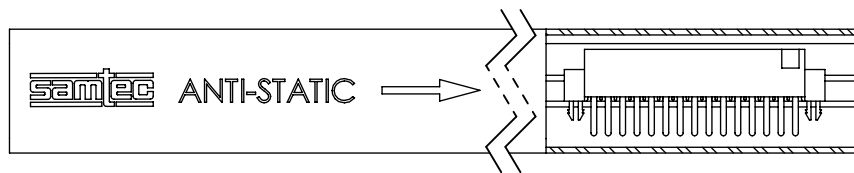
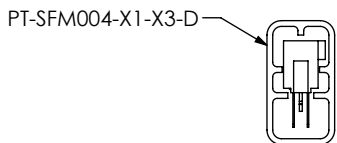
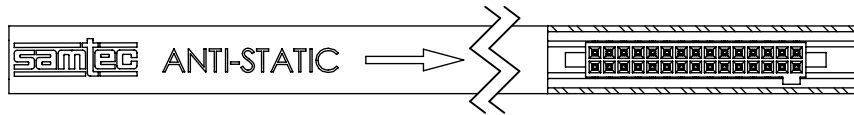
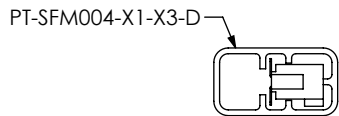


FIG 6  
-LC: LOCKING CLIP  
(SAME AS FIG 2, DIFFERENT AS SHOWN)



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	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 3 OF 3