

DO NOT SCALE FROM THIS PRINT

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 ONE PLACE DECIMALS ± .1 [3] THREE PLACE DECIMALS ± .005 [13]  
 TWO PLACE DECIMALS ± .01 [3] FOUR PLACE DECIMALS ± .0020 [65]

TITLE: .050 X .050 CUTTABLE SOCKET STRIP DOUBLE ROW ASSEMBLY

DWG NO: SFMC-1XX-XX-XX-D-XX SHEET 1 OF 2

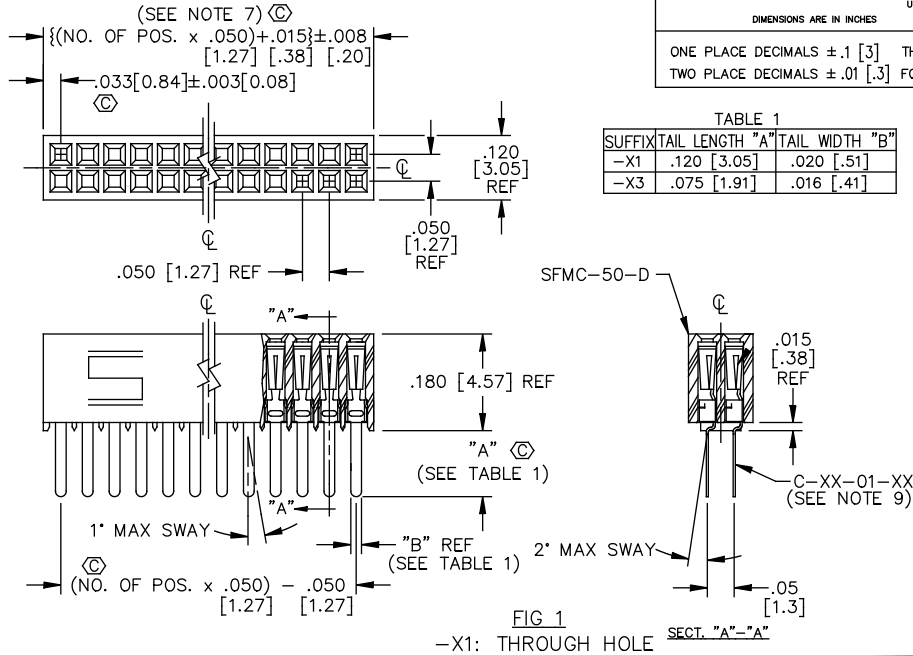


TABLE 1

SUFFIX	TAIL LENGTH "A"	TAIL WIDTH "B"
-X1	.120 [3.05]	.020 [.51]
-X3	.075 [1.91]	.016 [.41]

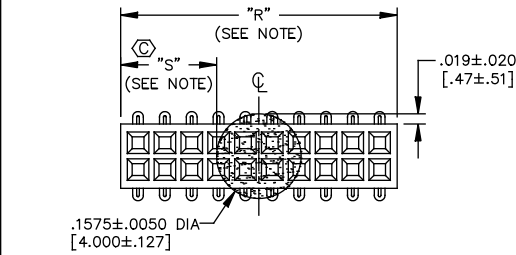
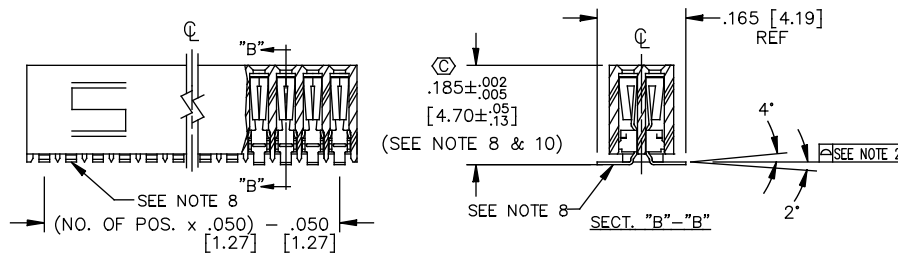
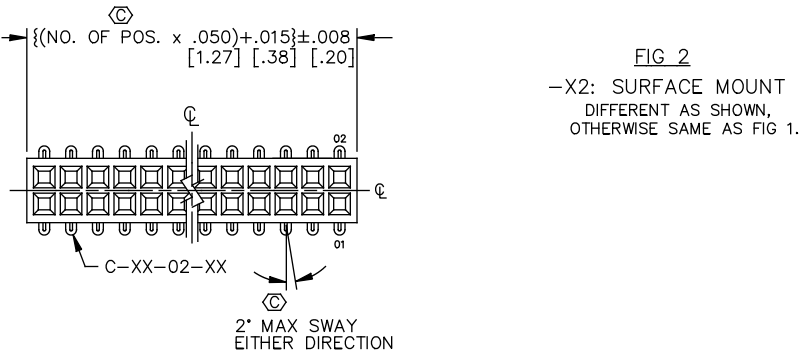
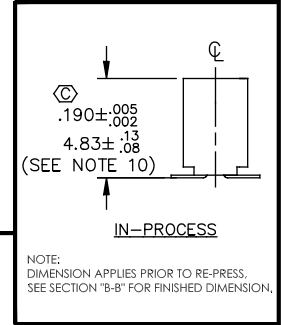
SFMC-1XX-XX-XX-D-XX

- NO. OF POSITIONS: ALL POSITIONS AVAILABLE -02 THRU -50 USE BODY: (SFMC-50-D)
- LEAD STYLE
- 01: THROUGH HOLE (SEE FIGURE 1) USE CONTACT: (C-44-01-XX)
  - 02: SURFACE MOUNT (SEE FIGURE 2) USE CONTACT: (C-44-02-XX)
  - 03: STRAIGHT MODIFIED (SEE FIGURE 1) USE CONTACT: (C-44-03-XX)
  - L1: THROUGH HOLE (LOW INSERTION) (SEE FIGURE 1) USE CONTACT: (C-61-01-XX)
  - L2: SURFACE MOUNT (LOW INSERTION) (SEE FIGURE 2) USE CONTACT: (C-61-02-XX)
  - L3: STRAIGHT MODIFIED (LOW INSERTION) (SEE FIGURE 1) USE CONTACT: (C-61-03-XX)
  - T1: THROUGH HOLE (PHOS BRONZE) (SEE FIGURE 1) USE CONTACT: (C-119-01-XX)
  - T2: SURFACE MOUNT (PHOS BRONZE) (SEE FIGURE 2) USE CONTACT: (C-119-02-XX)
- OPTIONS (LEAVE BLANK FOR STANDARD)
- P: PICK AND PLACE PAD (SEE FIGURE 3, SHT 2) USE PPP-02 (5 POSITIONS MINIMUM)
  - TR: TAPE & REEL (SEE FIG 4, SHT 2)
  - K: POLYIMIDE FILM PAD (.005 [13] THICKNESS) (SEE FIG 4) (USE K-DOT-.157-.250-.005) (4 POS MIN)
- BODY SPECIFICATION
- D: DOUBLE ROW
- PLATING SPECIFICATION
- S: 30μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
  - F: 3μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
  - H: 30μ GOLD IN CONTACT AREA, 3μ GOLD ON TAIL (ONLY AVAILABLE ON -02, -L2, & -T2 LEAD STYLES)
  - FM: 3μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
  - SW: 30μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
  - L: 10μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

TABLE 2 (SEE NOTE 6)

LEAD STYLE & OPTION	PACKAGING TUBE	PLUG
-X1, -X3, -X3-K	PT-1-24-15-09	TP-12
-X2	PT-1-24-14-09	TP-24-02
-X2-K	PT-1-24-14-09	TP-24-02
-X2-P	PT-1-24-01-38	TP-24
-X1-K	PT-1-24-15-09	TP-12
-X1-P, -X3-P	PT-1-24-01-09	TP-24

- NOTES:
- MIN. PUSHOUT FORCE: .5 LB.
  - COPLANARITY: .004 [10] = POS 02 THRU 26  
.004 [15] = POS 27 THRU 50
  - ⊙ REPRESENTS CRITICAL DIMENSION.
  - USE SFMC-50-D BODY.
  - NOTE DELETED.
  - PACKAGE ONLY POSITIONS -04 THRU -50 IN TUBES; LAYER PACKAGE POSITIONS -02 THRU -03.
  - CUT FLASH TO BE .010 MAX WITH NO FLASH EXTENDING BELOW LEADS OR IN HOLES OF BODY.
  - MAXIMUM PIN HEIGHT VARIATION: .003 [0.08] FROM PIN TO PIN AND ROW TO ROW; MUST BE MEASURED BETWEEN ADJACENT PINS.
  - PINS CAN BE ORIENTED IN ANY DIRECTION; BOTH ROWS MUST FACE SAME WAY.
  - DIMENSION TO BE MEASURED AT BEND.



MATERIAL: BODY: LCP, UL 94 V0 COLOR: BLACK

CONTACTS: C-44 & C-61: #25 BeCu, 1/2 HARD AGE HARDENED C-119: PHOS BRONZE 521

EXISPROD\ASSEMBLY\050 SFMC-ASM

**samtec**

PHONE (812) 944-6733 P.O. BOX 1147 CODE 55322

MADE BY: BRATCHER 10-5-94 SFMC-1XX-XX-XX-D-XX SHEET 1 OF 2

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