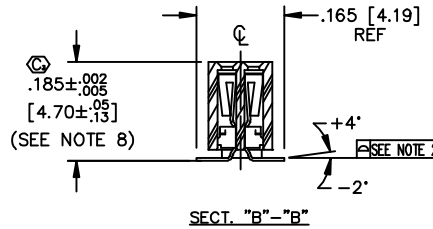
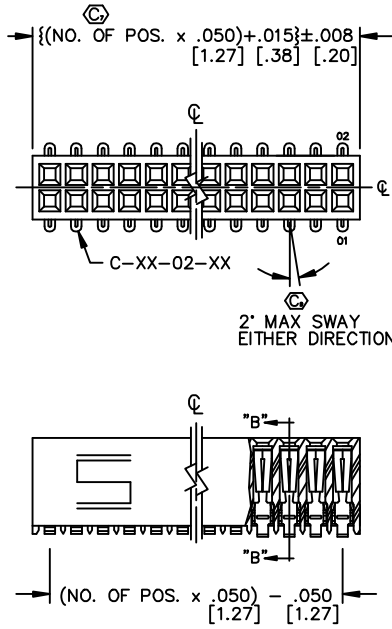
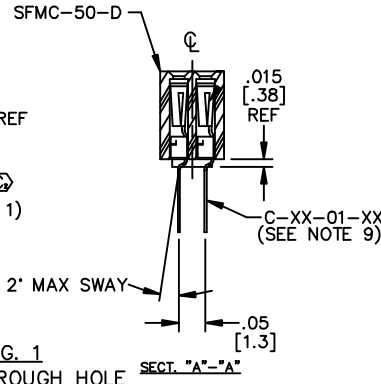


TABLE 1

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



DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED  
 TOLERANCES ARE:  
 ONE PLACE DECIMALS ±.1 [3]  
 TWO PLACE DECIMALS ±.01 [3]  
 THREE PLACE DECIMALS ±.005 [13]  
 FOUR PLACE DECIMALS ±.0020 [051]  
 ANGLES ± 2°

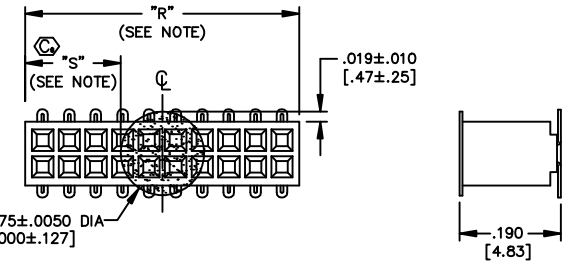
- SFMC-1XX-XX-XX-D-XX
- NO. OF POSITIONS  
 ALL POSITIONS AVAILABLE  
 -02 THRU -50  
 USE BODY:(SFMC-50-D)
- LEAD STYLE
- 01: THROUGH HOLE (SEE FIGURE 1)  
USE CONTACT:(C-44-01-XX)
  - 02: SURFACE MOUNT (SEE FIGURE 2)  
USE CONTACT:(C-44-02-XX)
  - 03: STRAIGHT MODIFIED (SEE FIGURE 1)  
USE CONTACT:(C-44-03-XX)
  - L1: THROUGH HOLE (LOW INSERTION)(SEE FIGURE 1)  
USE CONTACT:(C-81-01-XX)
  - L2: SURFACE MOUNT (LOW INSERTION)(SEE FIGURE 2)  
USE CONTACT:(C-81-02-XX)
  - L3: STRAIGHT MODIFIED (LOW INSERTION)(SEE FIGURE 1)  
USE CONTACT:(C-81-03-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: POLYAMIDE FILM PAD (.005 [13] THICKNESS WITH SILICONE ADHESIVE) (SEE FIG 4) (USE K-500-300) (4 POS MIN)
- BODY SPECIFICATION  
 -D: DOUBLE ROW
- PLATING SPECIFICATION  
 -S: SELECTIVE - SPECIFY -S IN PLATING SUFFIX -X  
 -P: GOLD FLASHED PALLADIUM NICKEL - SPECIFY -P IN PLATING SUFFIX -X  
 -F: FLASH SELECTIVE GOLD - SPECIFY -F IN PLATING SUFFIX -X  
 -H: HEAVY GOLD - SPECIFY -H IN PLATING SUFFIX -X (ONLY AVAILABLE ON -02, -L2, & -T2 LEAD STYLES)  
 -FM: FLASH SELECTIVE MATTE TIN TAIL - SPECIFY -F IN PLATING SUFFIX -X  
 -SM: SELECTIVE MATTE TIN TAIL - SPECIFY -S IN PLATING SUFFIX -X  
 -L: LIGHT SELECTIVE GOLD, MATTE TIN TAIL - SPECIFY -L IN PLATING SUFFIX -X

TABLE 2

LEAD STYLE & OPTION	PACKAGING TUBE	PLUG
-X1, -X3 (SEE NOTE 5)	PT-1-24-15-09	TP-24-02
-X2 (SEE NOTE 6)	PT-1-24-14-09	TP-24-02
-X2-K (SEE NOTE 6)	PT-1-24-14-09	TP-24-02
-X2-P (SEE NOTE 6)	PT-1-24-01-38	TP-24
-X1-K (SEE NOTE 6)	PT-1-24-02-29	TP-24
-X1-P, -X3-P (SEE NOTE 5)	PT-1-24-01-09	TP-24

- NOTES:
1. MIN. PUSHOUT FORCE: .5 lb.
  2. COPLANARITY: .004 [10] = POS 02 THRU 26  
.006 [15] = POS 27 THRU 50
  3. (C) REPRESENTS CRITICAL DIMENSION.
  4. USE SFMC-50-D BODY.
  5. PACKAGE ALL POSITIONS OF THIS LEAD STYLE IN TUBES.
  6. PACKAGE ONLY POSITIONS -04 THRU -50 IN TUBES;  
LAYER PACKAGE POSITIONS -02 THRU -03.
  7. CUT FLASH TO BE .010 MAX WITH NO FLASH EXTENDING BELOW LEADS OR IN HOLES OF BODY.
  8. MAX HEIGHT VARIATION BETWEEN ANY TWO PINS TO BE .005 [08].
  9. PINS CAN BE ORIENTED IN ANY DIRECTION; BOTH ROWS MUST FACE SAME WAY.



NOTE: "R" = USED MEASURED DIMENSION (REF)  
 "S" = {( "R" - .1575 [4.00] ) / 2 } ± .020 [51]

MATERIAL:  
 BODY:  
 VECTRA E130  
 COLOR: BLACK

CONTACTS:  
 C-44 & C-66:  
 #25 BeCu, 1/2 HARD  
 AGE HARDENED  
 C-119  
 PHOS BRONZE 521

EXISPROD\ASSEMBLY\050  
 SFMC-ASM

**samtec**

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 CODE 55322

MADE BY: BRATCHER 10-5-94

SFMC-1XX-XX-XX-D-XX  
 SHEET 1 OF 2

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