

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

TITLE: .050 X .050 CUTTABLE SOCKET STRIP DOUBLE ROW ASSEMBLY  
 DWG NO: SFMC-1XX-XX-XX-D-XX  
 SHEET 1 OF 2

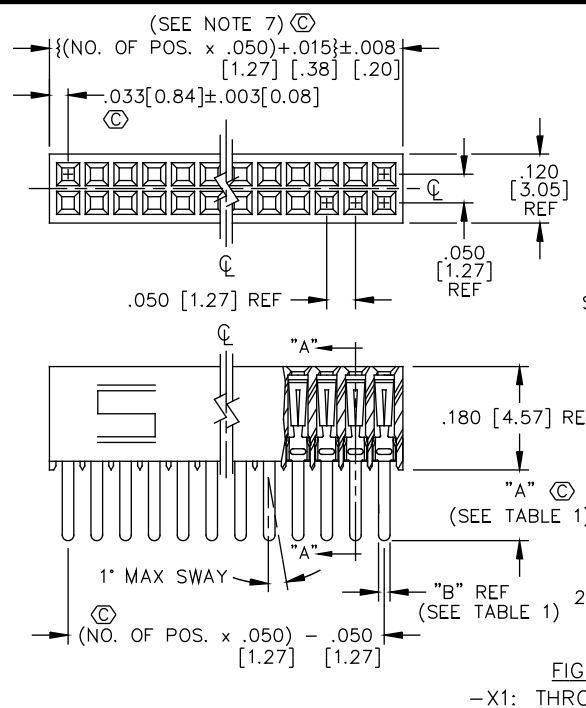


TABLE 1  
 SUFFIX TAIL LENGTH "A" TAIL WIDTH "B"

-X1	.120 [3.05]	.020 [.51]
-X3	.075 [1.91]	.016 [.41]

FIG 1  
 -X1: THROUGH HOLE SECT. "A"-"A"

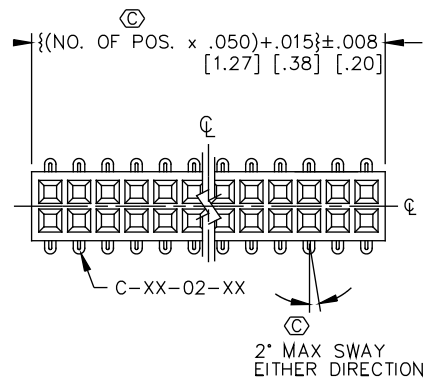


FIG 2  
 -X2: SURFACE MOUNT  
 DIFFERENT AS SHOWN,  
 OTHERWISE SAME AS FIG 1.

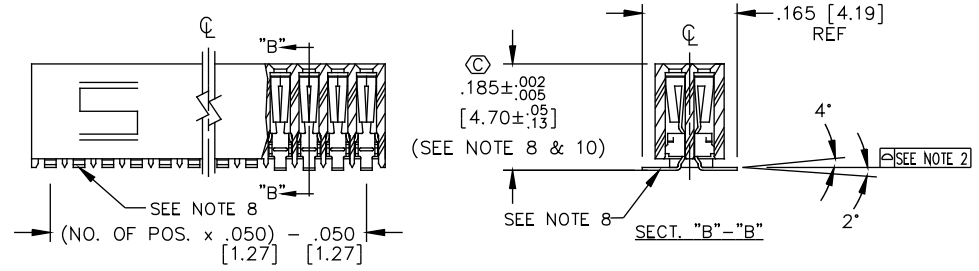


FIG 4  
 -K: POLYIMIDE FILM PAD  
 (4 POS MIN)  
 NOTE: "R" = USED MEASURED DIMENSION (REF)  
 "S" = {( "R" - .1575 [4.00] ) / 2 } ± .020 [.51]

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)

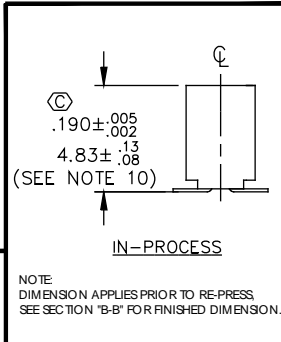
OPTIONS  
 (LEAVE BLANK FOR STANDARD)  
 -P: PICK AND PLACE PAD (SEE FIGURE 3, SHT 2)  
 USE PPP-02 (5 POSITIONS MINIMUM)  
 -TR: TAPE & REEL (SEE FIG 4, SHT 2)  
 -K: POLYIMIDE FILM PAD (.005 [.13] THICKNESS)  
 (SEE FIG 4) (USE K-DOT-.157-.250-.005)  
 (4 POS MIN)

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  
 -SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
 -L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

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  
 1. MIN. PUSHOUT FORCE: .5 lb.  
 2. COPLANARITY: .004 [.10] = POS 02 THRU 26  
 .006 [.15] = POS 27 THRU 50  
 3. ⊕ REPRESENTS CRITICAL DIMENSION.  
 4. USE SFMC-50-D BODY.  
 5. NOTE DELETED.  
 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. MAXIMUM PIN HEIGHT VARIATION: .003 [0.08] FROM PIN TO PIN AND  
 ROW TO ROW. MUST BE MEASURED BETWEEN ADJACENT PINS.  
 9. PINS CAN BE ORIENTED IN ANY DIRECTION; BOTH  
 ROWS MUST FACE SAME WAY.  
 10. DIMENSION TO BE MEASURED AT BEND.  
 11. MIXED PIN ORIENTATION ACCEPTABLE.



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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

EXISPRD\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