

REV BP

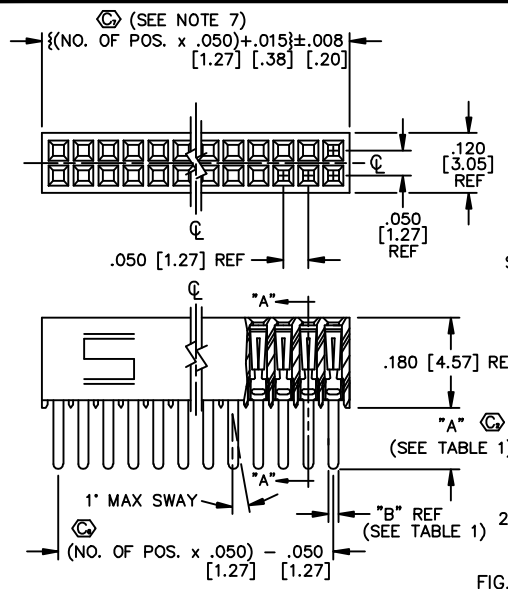


FIG. 1
-X1: THROUGH HOLE

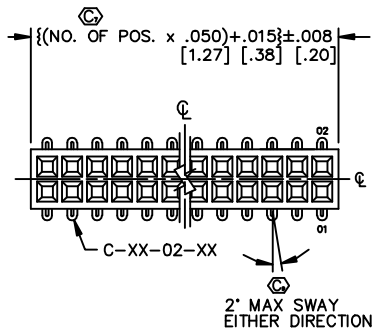
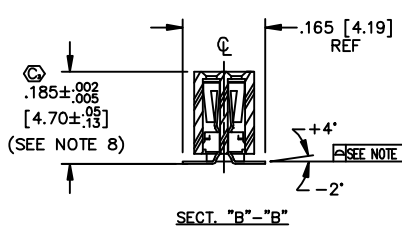
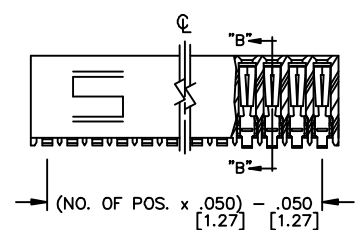


FIG. 2
-X2: SURFACE MOUNT
DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG. 1.



SECT. "B"- "B"

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

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 -30
 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, 30 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 -F: FLASH SELECTIVE, 3 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 -H: HEAVY GOLD, 30 Au / 50 NI MIN ON CONTACT, 3 Au / 50 NI MIN ON TAIL
 (ONLY AVAILABLE ON -02, -L2, & -T2 LEAD STYLES)
 -FM: FLASH SELECTIVE, 3 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 -SM: SELECTIVE, 30 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 -L: LIGHT SELECTIVE, 10 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL

TABLE 2 (SEE NOTE 6)

LEAD STYLE & OPTION	PACKAGING TUBE	PLUG
-X1, -X3, -X3-R	PT-1-24-15-09	TP-24-02
-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-24-02
-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 [.16] = POS 27 THRU 30
 3. (C) REPRESENTS CRITICAL DIMENSION.
 4. USE SFMC-50-D BODY.
 5. NOTE DELETED.
 6. PACKAGE ONLY POSITIONS -04 THRU -30 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 [0.05].
 9. PINS CAN BE ORIENTED IN ANY DIRECTION; BOTH ROWS MUST FACE SAME WAY.

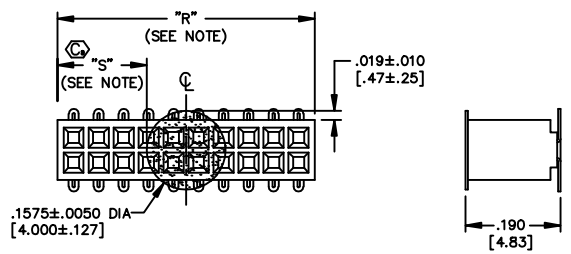


FIGURE 4
-K: POLYAMIDE FILM PAD
(4 POS MIN)
NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = {"R" - .1575 [4.00]}/2 ±.020 [.51]

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

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

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
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 CODE 55322

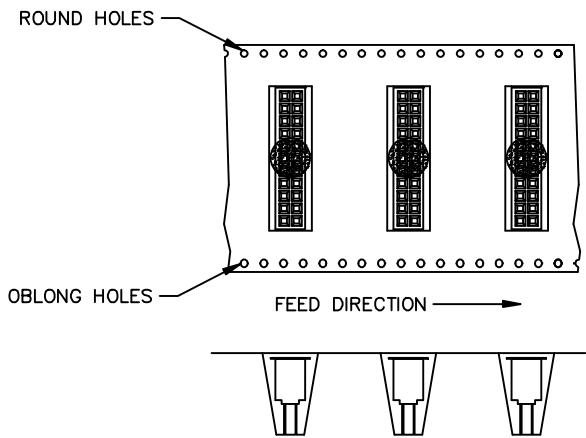
MADE BY:
 BRATCHER 10-5-94

EXISPROD\ASSEMBLY\050
 SFMC-ASM

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

REV BP

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:	TITLE: .050 X .050	DWG NO:
ONE PLACE DECIMALS ± .1 [3]	THREE PLACE DECIMALS ± .005 [.13]	ANGLES	± 2°	CUTTABLE SOCKET STRIP	SFMC-1XX-XX-XX-D-XX
TWO PLACE DECIMALS ± .01 [.3]	FOUR PLACE DECIMALS ± .0020 [.051]			DOUBLE ROW ASSEMBLY	SHEET 2 OF 2



-TR TAPE AND REEL THROUGH HOLE
SCALE: .5x

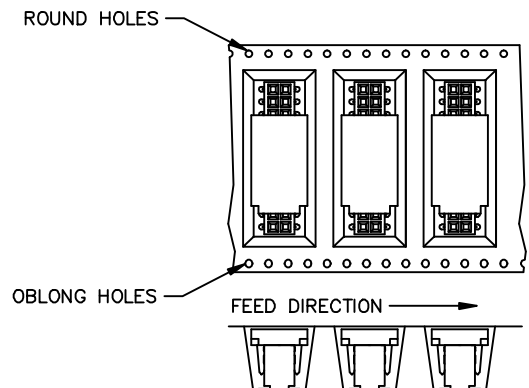
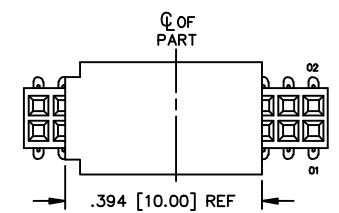


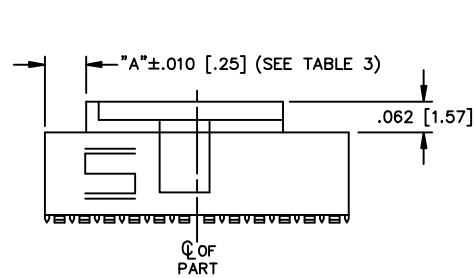
FIG. 4
-TR TAPE AND REEL SURFACE MOUNT
SCALE: .5x

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POS	"A"
ODD	$\{(No\ OF\ POS\ x\ .050\ [1.27]) / 2\} - .1895\ [4.813]$
EVEN	$\{(No\ OF\ POS\ x\ .050\ [1.27]) / 2\} - .2145\ [5.448]$



5 POSITION MINIMUM
FIGURE 3
-P OPTION
(PAD TO BE POSITIONED AS SHOWN)



EXISPROD\ASSEMBLY\050
SFMCASM2

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SHEET 2 OF 2