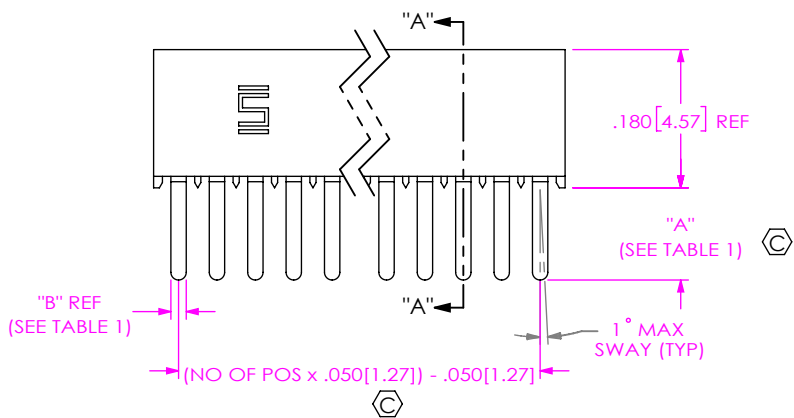
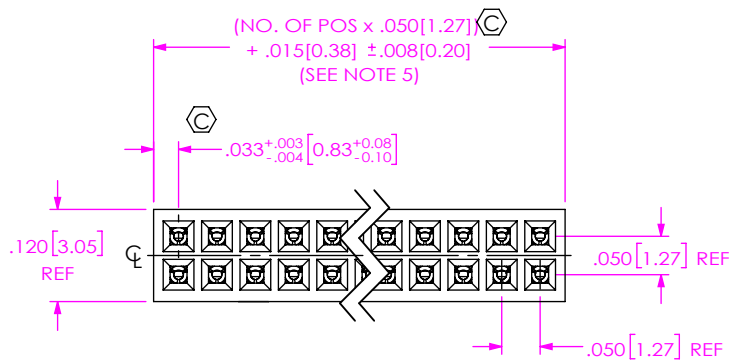


DO NOT SCALE FROM THIS PRINT

NOTES:

1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .5 LB.
3. COPLANARITY: $.004[0.10]$ = POS 02 THRU 26
 $.006[0.15]$ = POS 27 THRU 50
4. TUBE PACKAGE ONLY POSITIONS -04 THRU -50;
LAYER PACKAGE POSITIONS -02 THRU -03.
5. MAXIMUM CUT FLASH TO BE: .010 (NO FLASH EXTENDING BELOW LEADS OR IN HOLES OF BODY).
6. $\text{\textcircled{C}}$ MAXIMUM PIN HEIGHT VARIATION: $.003[0.08]$ FROM PIN TO PIN AND ROW TO ROW, MUST BE MEASURED BETWEEN ADJACENT PINS.
7. PINS CAN BE ORIENTED IN ANY DIRECTION; BOTH ROWS MUST FACE SAME WAY.
8. DIMENSION TO BE MEASURED AT BEND.
9. MIXED PIN ORIENTATION ACCEPTABLE.



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

No OF POSITIONS

ALL POSITIONS AVAILABLE
-02 THRU -50
(USE BODY: SFMC-50-D)

OPTIONS

(LEAVE BLANK FOR STANDARD)
-P: PICK AND PLACE PAD (SEE FIG 3, SHT 2)
(USE PPP-02) (5 POSITION MINIMUM)
-K: POLYIMIDE FILM PAD (.005[0.13] THICKNESS)
(SEE FIG 4, SHT 2) (USE K-DOT-.157-.250-.005)
(4 POSITION MINIMUM)
-TR: TAPE & REEL (SEE SHT 3)

BODY SPECIFICATION

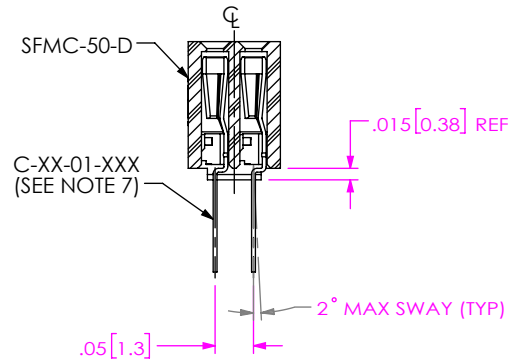
-D: DOUBLE ROW

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 STYLE)
-L: 10μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-SM: 30μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

LEAD STYLE

- 01: THROUGH HOLE (USE CONTACT: C-44-01-XXX) (SEE FIG 1, SHT 1)
- 02: SURFACE MOUNT (USE CONTACT: C-44-02-XXX) (SEE FIG 2, SHT 2)
- 03: STRAIGHT MODIFIED (USE CONTACT: C-44-03-XXX) (SEE FIG 1, SHT 1)
- L1: THROUGH HOLE (LOW INSERTION) (USE CONTACT: C-61-01-XXX) (SEE FIG 1, SHT 1)
- L2: SURFACE MOUNT (LOW INSERTION) (USE CONTACT: C-61-02-XXX) (SEE FIG 2, SHT 2)
- L3: STRAIGHT MODIFIED (LOW INSERTION) (USE CONTACT: C-61-03-XXX) (SEE FIG 1, SHT 1)
- T1: THROUGH HOLE (PHOS BRONZE) (USE CONTACT: C-119-01-XXX) (SEE FIG 1, SHT 1)
- T2: SURFACE MOUNT (PHOS BRONZE) (USE CONTACT: C-119-02-XXX) (SEE FIG 2, SHT 2)



SECTION "A"-A"

FIG 1
-X1: THROUGH HOLE

TABLE 1

SUFFIX	TAIL LENGTH "A"	TAIL WIDTH "B"
-X1	.120[3.05]	.020[0.51]
-X3	.075[1.91]	.016[0.41]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01$ [.] 2°
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
BODY: LCP UL 94V-0, COLOR: BLACK
CONTACTS: C-44 & C-61: #25 BeCu, 1/2 HARD
C-119: PHOSPHOR BRONZE 521

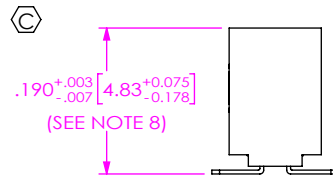
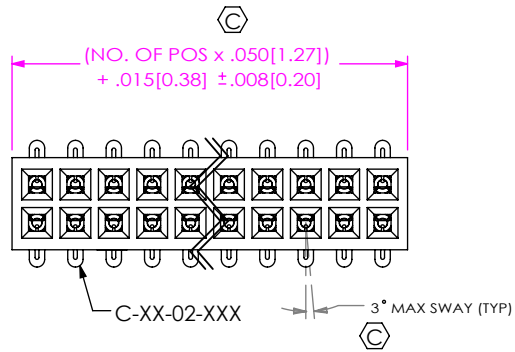


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.050 x .050 CUTTABLE SOCKET STRIP DOUBLE ROW ASSEMBLY

DWG. NO.
SFMC-1XX-XX-XX-D-XX

BY: BRATCHER 10/5/94 SHEET 1 OF 3



IN-PROCESS
-X2

NOTE: DIMENSION APPLIES PRIOR TO RE-PRESS, SEE SECTION "B"- "B" FOR FINISHED DIMENSION

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

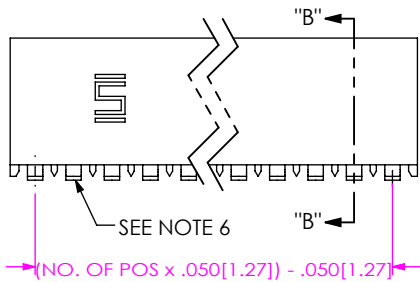
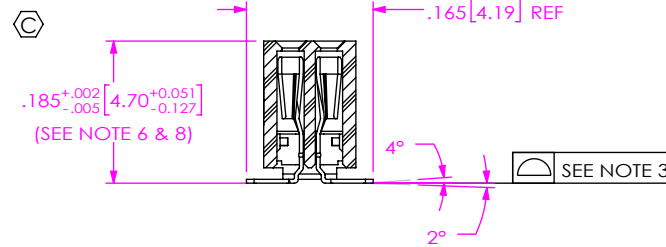


FIG 2
-X2: SURFACE MOUNT
(SAME AS FIG 1, DIFFERENT AS SHOWN)



SECTION "B"- "B"

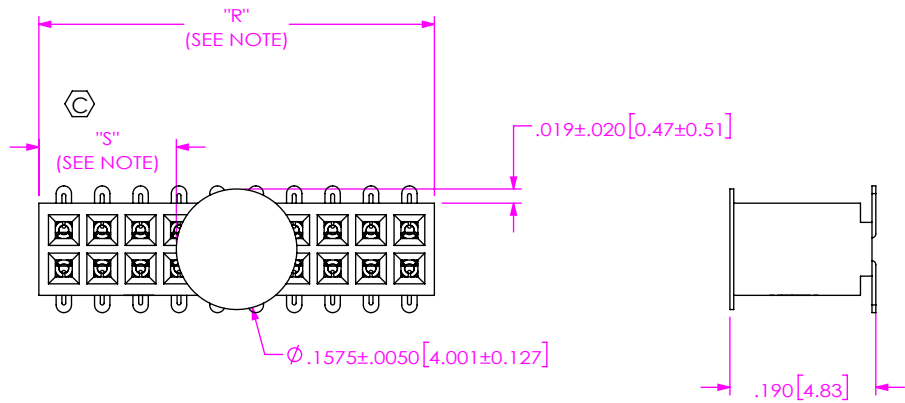
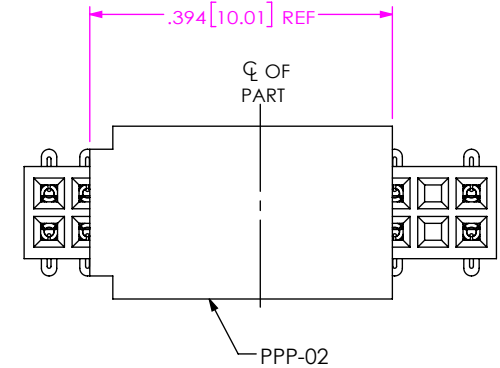


FIG 4
-K: POLYIMIDE FILM PAD
(SAME AS FIG 1, DIFFERENT AS SHOWN)
NOTE: "R" = USED MEASURED DIMENSION REF
"S" = {"R" - .1575[4.000]}/2 ±.020[0.51]

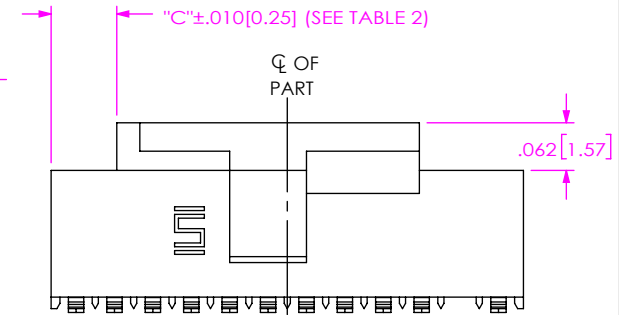
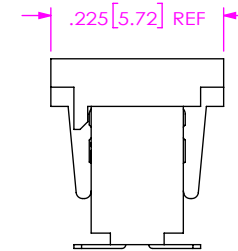


FIG 3
-P: PICK AND PLACE PAD
(5 POSITION MINIMUM)
(PAD MAY BE ORIENTED IN EITHER DIRECTION)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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SHEET SCALE: 4:1

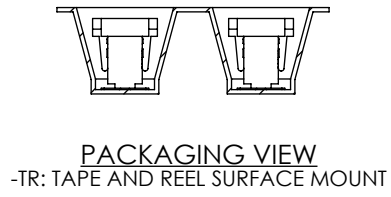
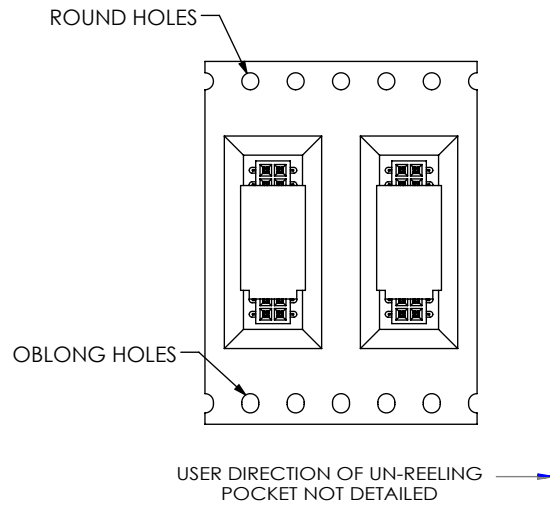
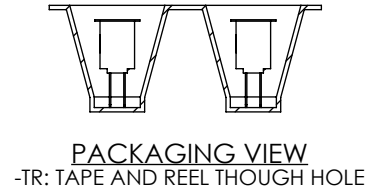
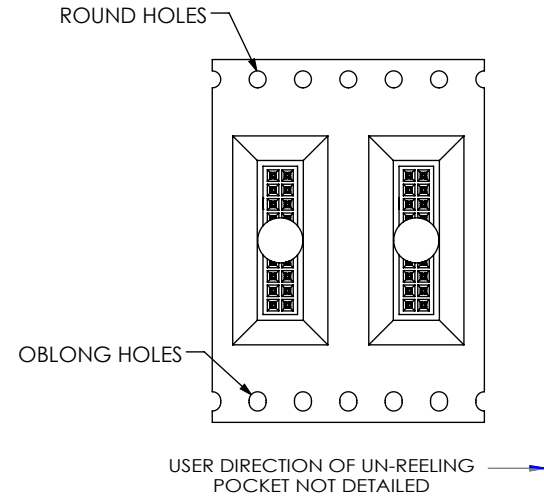


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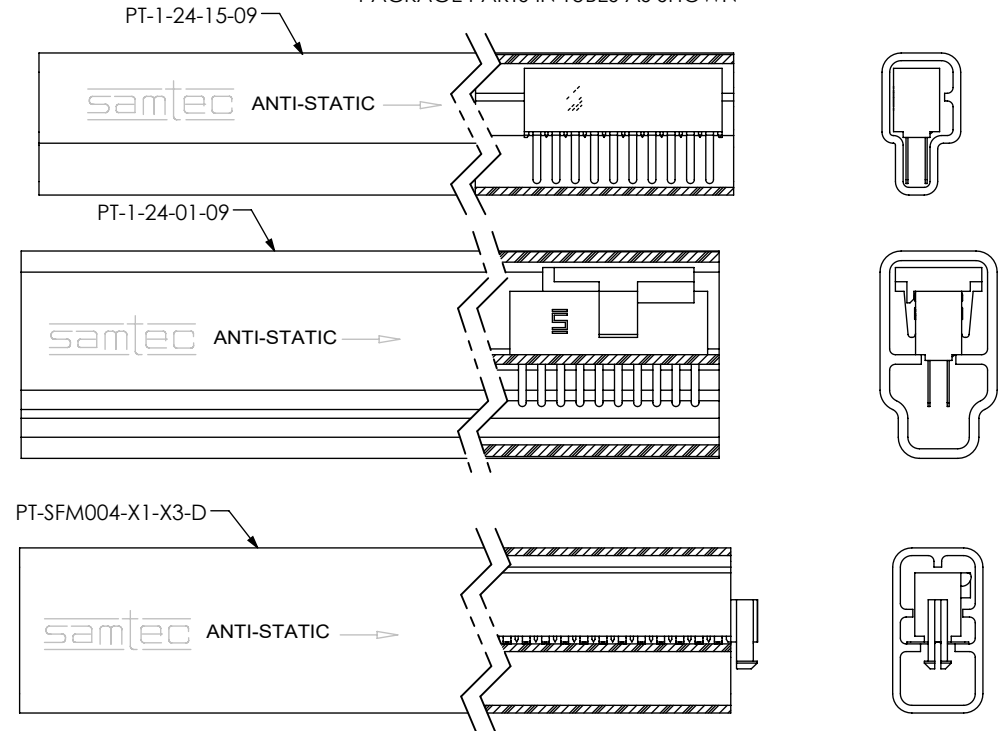
DESCRIPTION:
.050 x .050 CUTTABLE SOCKET STRIP DOUBLE ROW ASSEMBLY

DWG. NO.
SFMC-1XX-XX-XX-D-XX

BY: BRATCHER 10/5/94 SHEET 2 OF 3



PACKAGING VIEW
PACKAGE PARTS IN TUBES AS SHOWN



NOTES:
1. MIXED PIN ORIENTATION ACCEPTABLE.

TABLE 3 (SEE NOTE 4)		
LEAD STYLE	PACKAGING TUBE	PLUG
-X1, -X3	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
ITEM DELETED		
-X1-P, -X3-P	PT-1-24-01-09	TP-24
-X1-K, -X3-K	PT-SFM004-X1-X3-D	TP-24-02

F:\DWG\MISC\MKTG\SFMC-1XX-XX-XX-D-XX-MKT.SLDDRW

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SHEET SCALE: 1.5:1



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