

DO NOT SCALE FROM THIS PRINT

NO OF POSITIONS  
ALL POSITIONS AVAILABLE  
-02 THRU -50  
USE BODY (SFM-XX-S-XX-X)

OPTIONS  
(LEAVE BLANK FOR STANDARD AND USE SFM-XX-S-LC-X)  
-A: ALIGNMENT PIN (USE SFM-XX-S-A-X) (SEE FIG. 3)  
-LC: LOCKING CLIP (SEE FIG 5) (SEE NOTE 5) (USE (2) LC-05-TM & SFM-XX-S-LC-X)  
-P: PICK AND PLACE PAD (SEE FIG 4) (USE PPP-14) (AVAILABLE ON 5 THRU 50 POS ONLY)  
-K: POLYIMIDE FILM (SEE FIG 6, SHT 2)  
-TR: TAPE AND REEL (-X2 LEAD STYLE ONLY)  
\* -SN: SOLDER NAIL (SEE SHT 3, FIG 7)

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

BODY SPECIFICATION  
-S: SINGLE 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  
-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  
-LM: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

-LM: SELECTIVE LIGHT GOLD  
-SPECIFY -L IN PLATING SUFFIX -X/  
MATTE TIN TAILS  
(USE C-XX-XX-L)

\* = NOT TOOLED

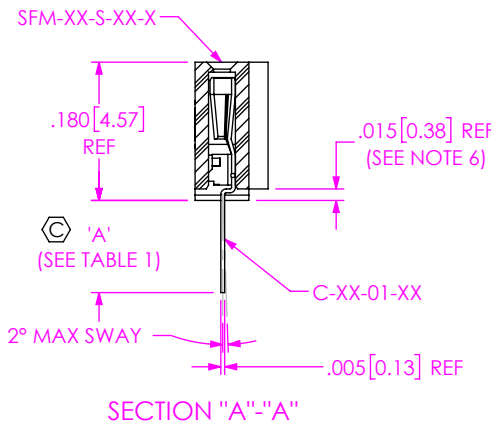
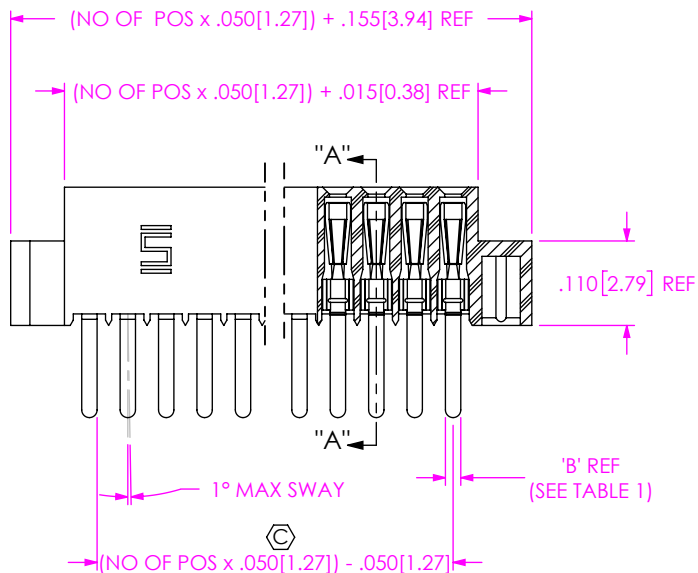
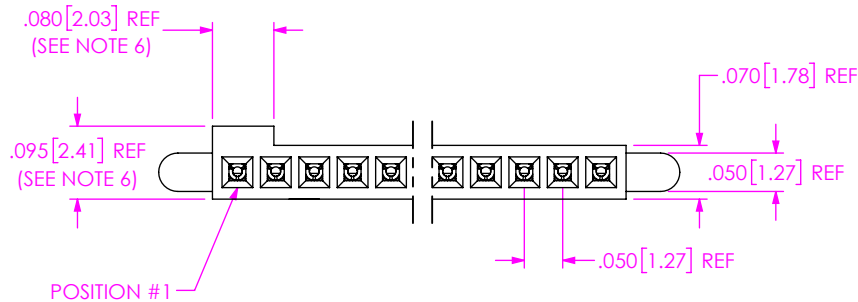


FIG 1  
THROUGH HOLE/STRAIGHT MODIFIED  
(SFM-130-X1-XX-S-XX SHOWN)

TABLE 1		
SUFFIX	TAIL LENGTH 'A'	TAIL WIDTH 'B'
-X1	.120 [3.05]	.020 [0.51]
-X3	.075 [1.91]	.016 [0.41]

NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
- MINIMUM PUSHOUT FORCE: .5 LBS
- COPLANARITY TO BE WITHIN .004[0.10]
- TUBE ALL POSITIONS.
- DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
- DIMENSION N/A FOR -N OPTION.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3]  
.XXX: ±.005 [0.13]  
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1  
INSULATOR: VECTRA E130, COLOR: BLACK  
CONTACT: BeCu #25  
MAX FLASH ALLOWED: .002[0.05]  
MAX GATE VESTIGE: .002[0.05]

DESCRIPTION: .050 [1.27] C.L. SOCKET STRIP SINGLE ROW ASSEMBLY  
DWG. NO. SFM-1XX-XX-XX-S-XX  
BY: REIDINGER 09/08/1992 SHEET 1 OF 3



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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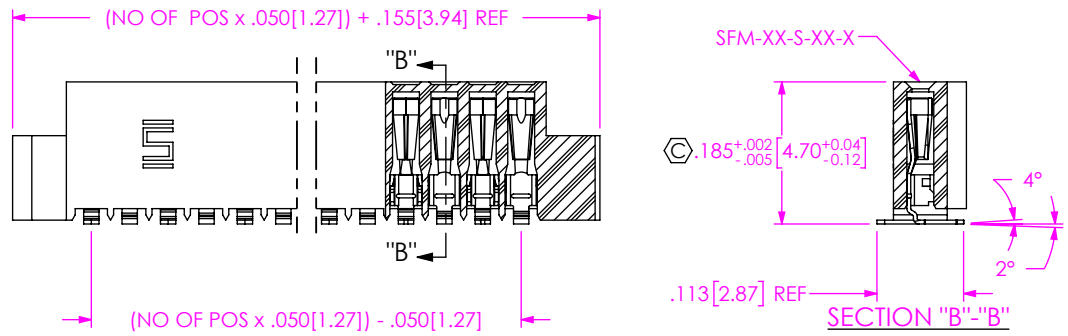
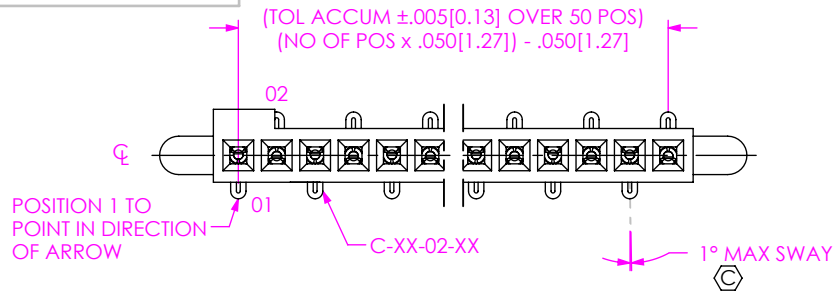


FIG 2  
SURFACE MOUNT  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-130-02-XX-S-XX SHOWN)

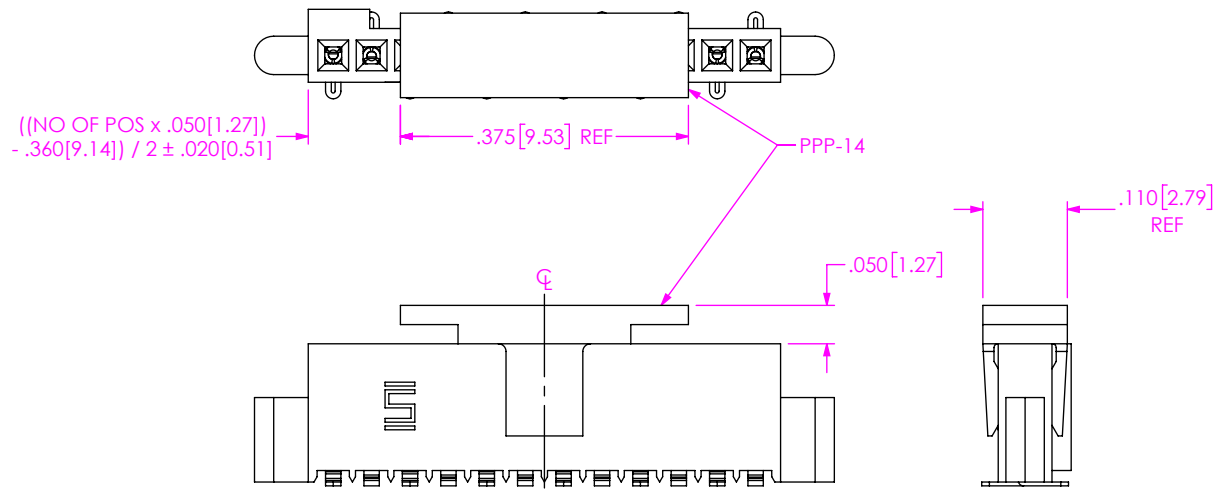


FIG 4  
-P: PICK & PLACE PAD  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(PLACE PAD ABOUT C.L. AS SHOWN)  
(SFM-112-02-XX-S-P SHOWN)

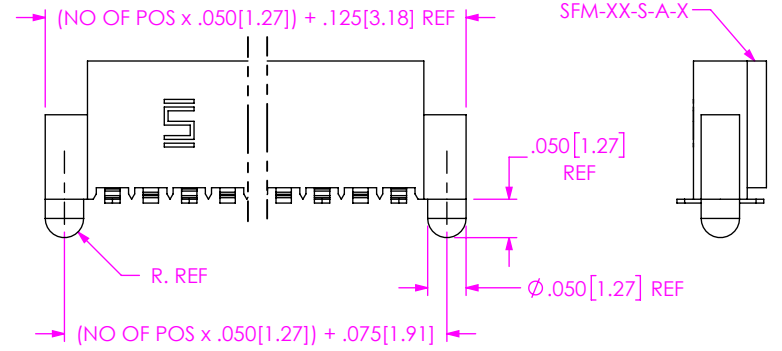


FIG 3  
-A: ALIGNMENT PIN  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-125-02-XX-S-A SHOWN)

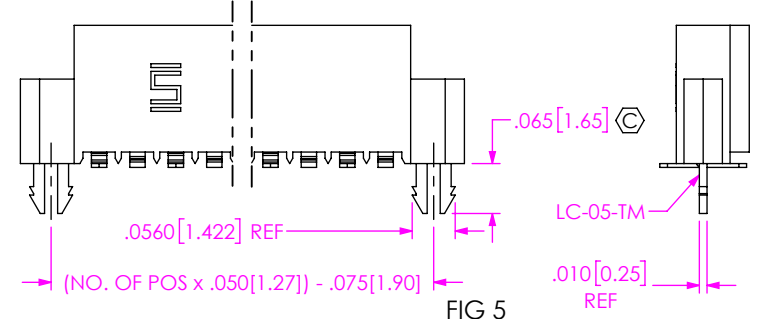


FIG 5  
-LC: LOCKING CLIP  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-112-02-XX-S-LC SHOWN)

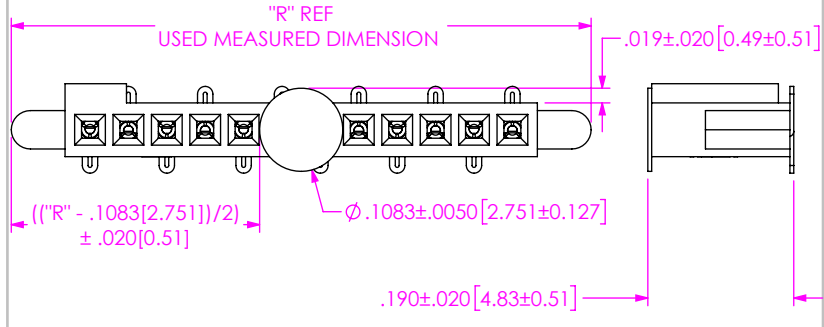


FIG 6  
-K: OPTION (POLYIMIDE FILM PAD)  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-112-02-XX-S-K SHOWN)

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SHEET SCALE: 4:1

DESCRIPTION: .050 [1.27] C.L. SOCKET STRIP  
SINGLE ROW ASSEMBLY

DWG. NO. SFM-1XX-XX-XX-S-XX

BY: REIDINGER 09/08/1992 SHEET 2 OF 3

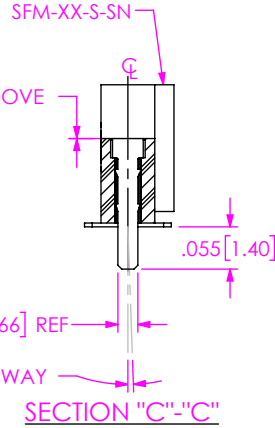
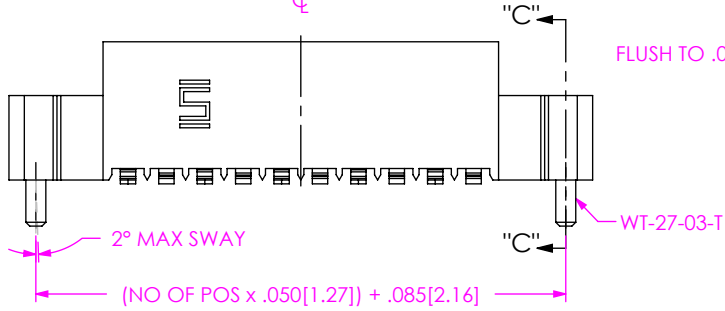
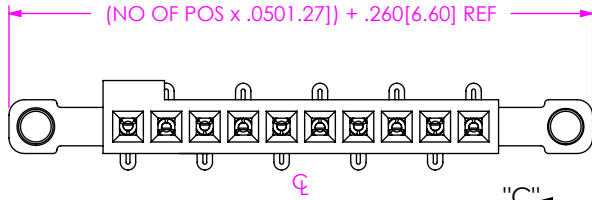
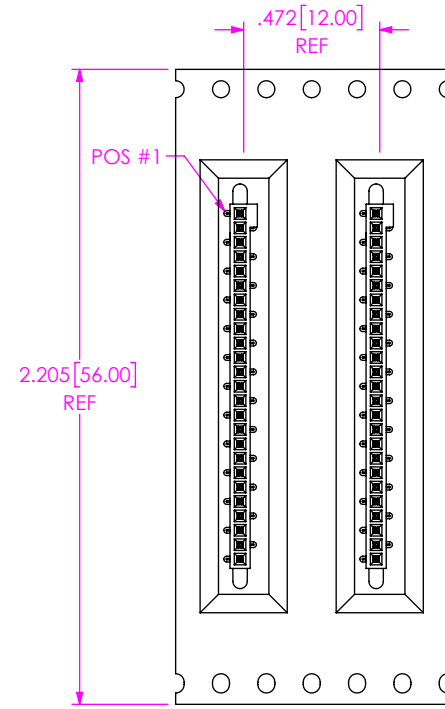
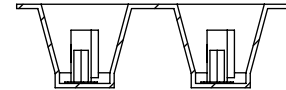


FIG 7  
 \*SN: SOLDER NAIL OPTION  
 DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
 (SFM-110-02-XX-S-SN SHOWN)

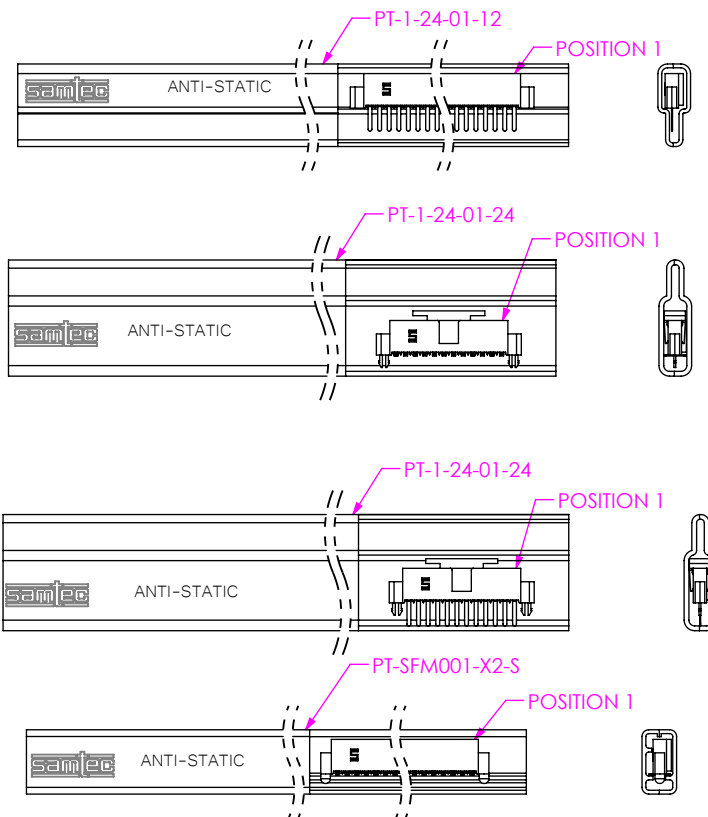


USER DIRECTION OF UN-REELING POCKET NOT DETAILED



-TR: TAPE AND REEL (SFM-125-02-XX-S-XX SHOWN)

PACKAGE PARTS IN TUBE AS SHOWN



PACKAGING TUBE TABLE

LEAD STYLE	PACKAGING TUBE	PLUG
-X1-S	PT-SFM005-X1-X3-S	TP-12
-X1-S-A	PT-SFM005-X1-X3-S	TP-12
-X1-S-LC	PT-SFM005-X1-X3-S	TP-12
-X1-S-P	PT-1-24-01-24	TP-24
-X1-S-A-P	PT-1-24-01-24	TP-24
-X1-S-LC-P	PT-1-24-01-24	TP-24
-X2-S	PT-SFM001-X2-S	TP-12
-X2-S-A	PT-SFM001-X2-S	TP-12
-X2-S-K	PT-SFM001-X2-S	TP-12
-X2-S-LC-K	PT-SFM001-X2-S	TP-12
-X3-S-SN	PT-SFM001-X2-S	TP-12
-X2-S-LC	PT-SFM001-X2-S	TP-12
-X2-S-P	PT-SFM002-X2-S	TP-12
-X2-S-A-P	PT-1-24-01-24	TP-24
-X2-S-LC-P	PT-SFM002-X2-S	TP-12
-X3-S	PT-SFM005-X1-X3-S	TP-12
-X3-S-A	PT-SFM005-X1-X3-S	TP-12
-X3-S-LC	PT-SFM005-X1-X3-S	TP-12
-X3-S-P	PT-1-24-01-24	TP-24
-X3-S-A-P	PT-1-24-01-24	TP-24
-X3-S-LC-P	PT-1-24-01-24	TP-24

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SHEET SCALE: 4:1



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