

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) (USE K-500-300)
-TR: TAPE AND REEL (-X2 LEAD STYLE ONLY)
*-SN: SOLDER NAIL (SEE SHT 3, FIG 7)

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)

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)

* = NOT TOOLED

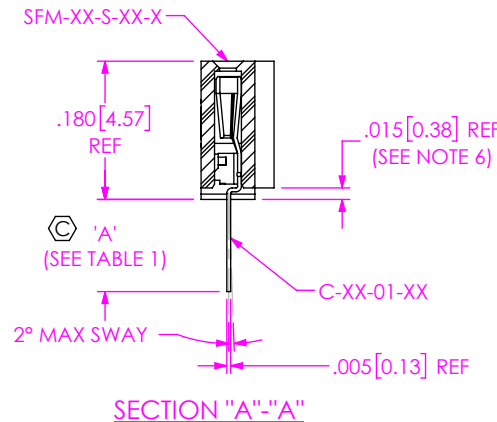
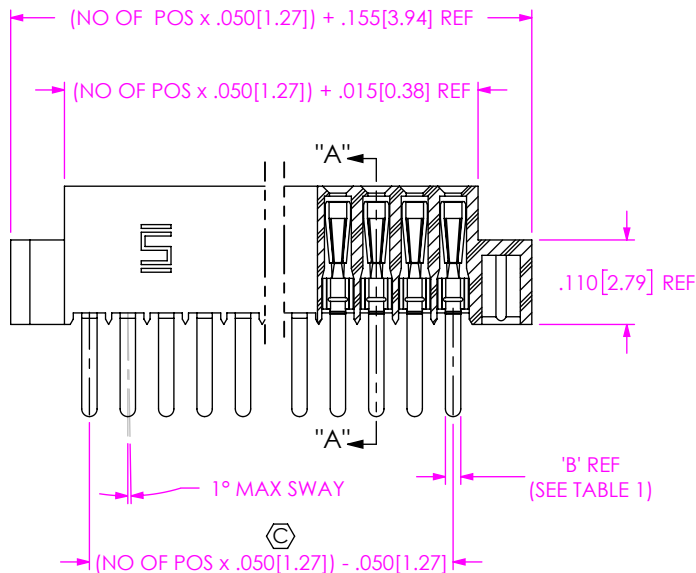
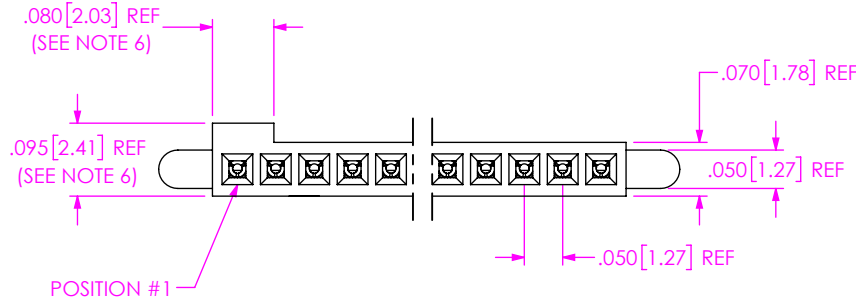


FIG 1
THROUGH HOLE/STRAIGHT MODIFIED
(SFM-130-X1-XX-S-XX SHOWN)

| 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] 2°
.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]

F:\DWG\MISC\MKTG\SFM-1XX-XX-XX-S-XX-MKT.SLDDRW

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



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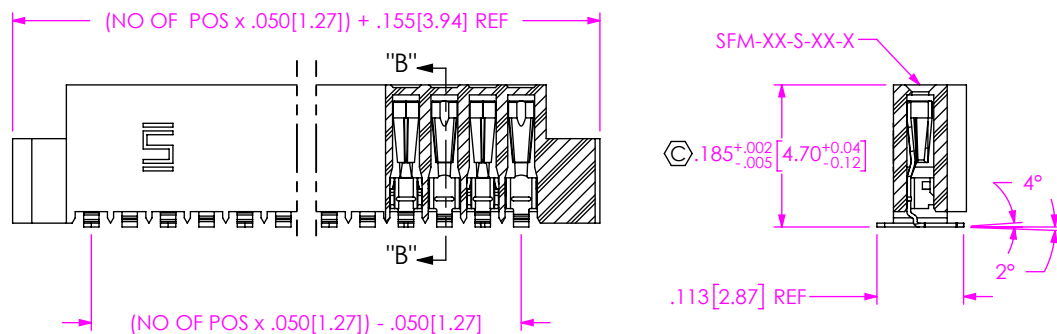
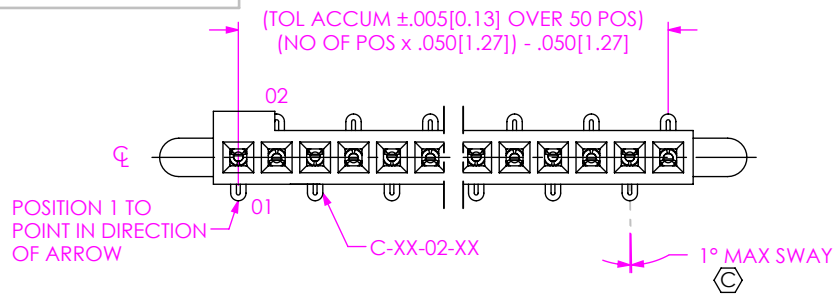


FIG 2
SURFACE MOUNT
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1
(SFM-130-02-XX-S-XX SHOWN)

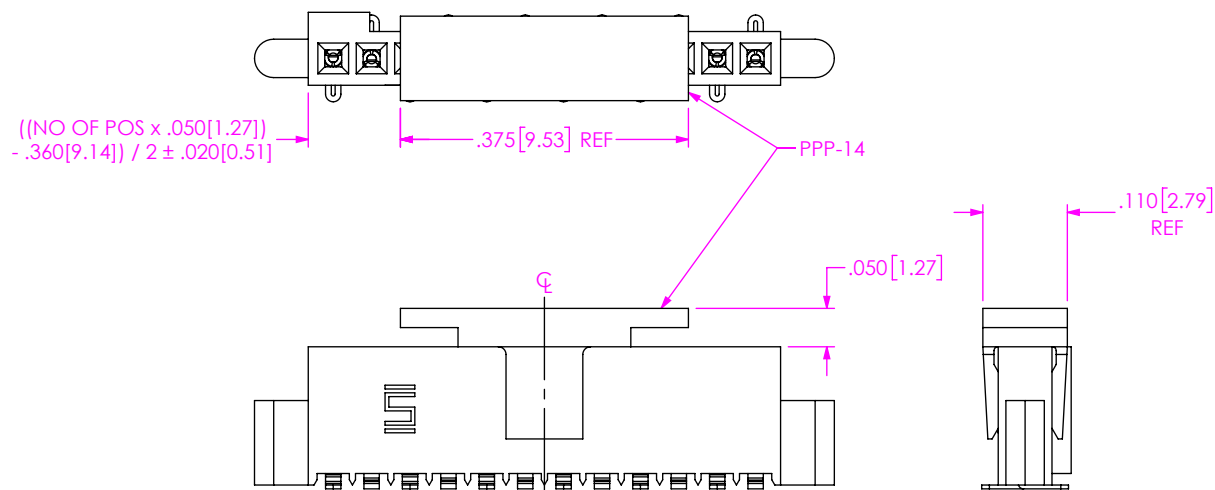


FIG 4
-P: PICK & PLACE PAD
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1
(PLACE PAD ABOUT C.L. AS SHOWN)
(SFM-112-02-XX-S-P SHOWN)

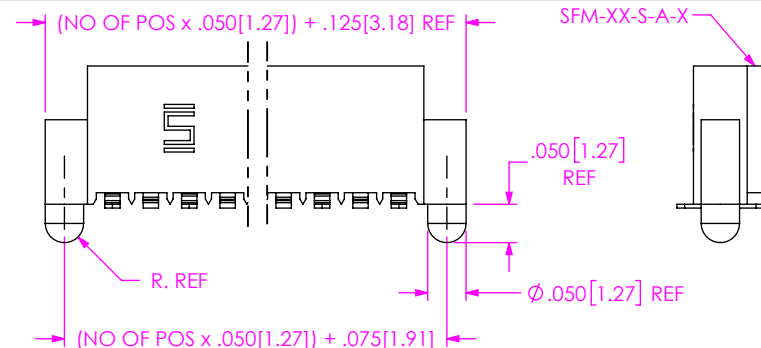


FIG 3
-A: ALIGNMENT PIN
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1
(SFM-125-02-XX-S-A SHOWN)

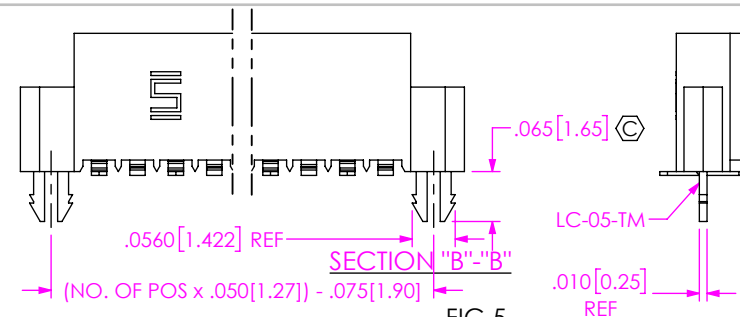


FIG 5
-LC: LOCKING CLIP
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1
(SFM-112-02-XX-S-LC SHOWN)

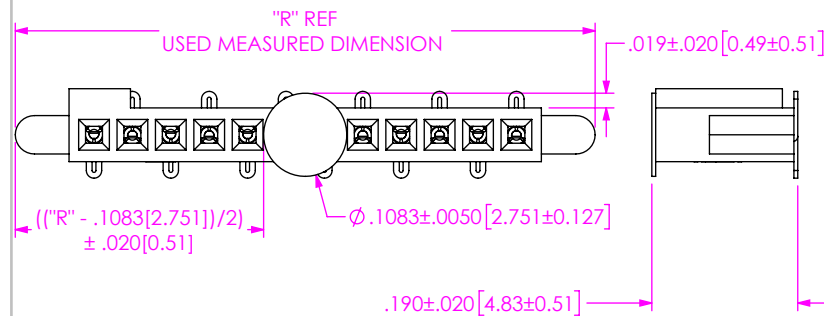


FIG 6
-K: OPTION (POLYIMIDE FILM PAD)
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1
(SFM-112-02-XX-S-K SHOWN)

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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

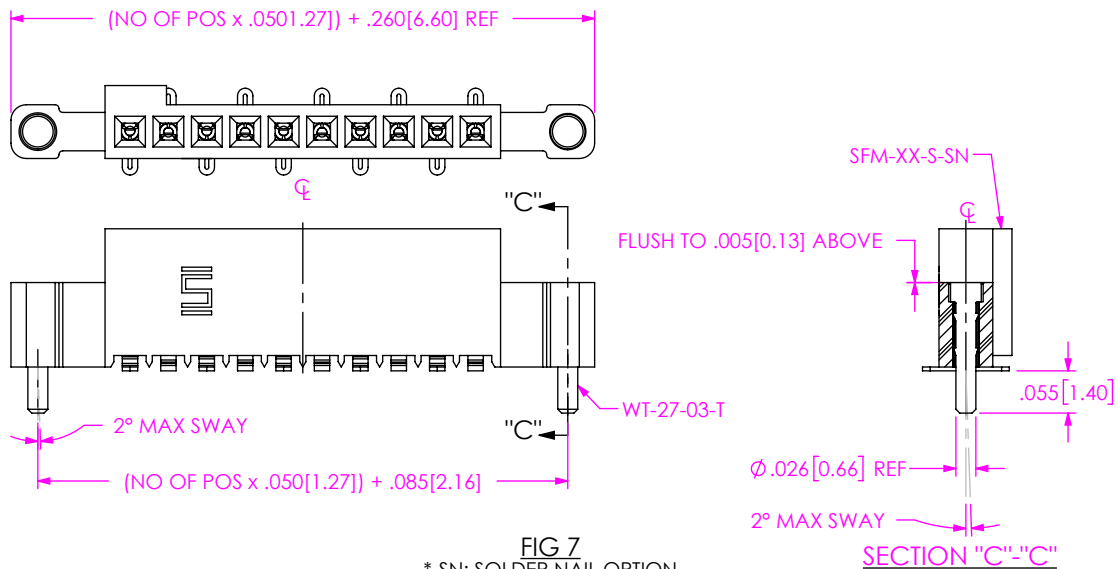
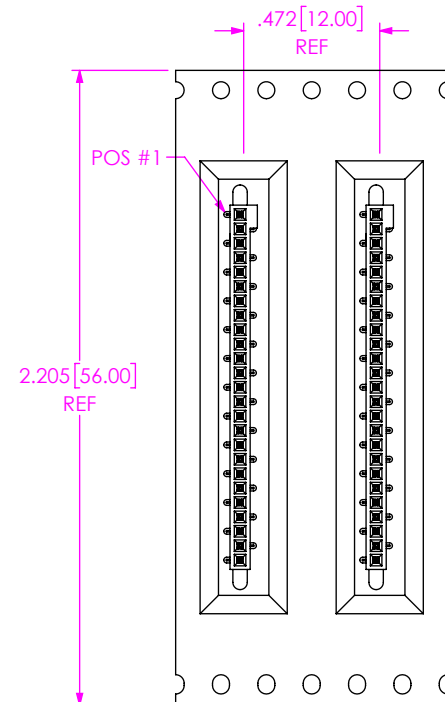
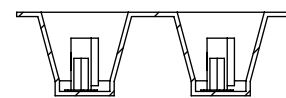


FIG 7
 *-SN: SOLDER NAIL OPTION
 DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1
 (SFM-110-02-XX-S-SN SHOWN)

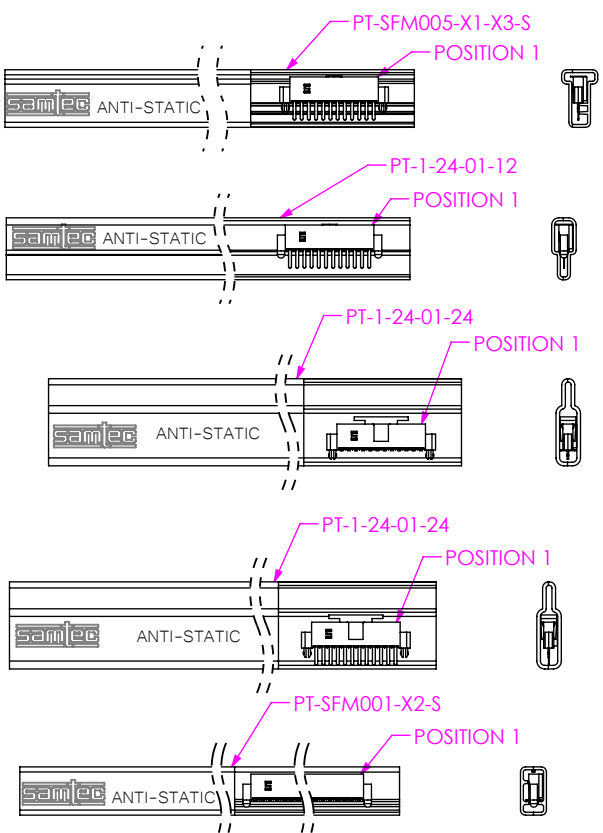


USER DIRECTION OF UN-REELING POCKET NOT DETAILED →



-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, -X1-S-K | PT-SFM005-X1-X3-S | TP-12 |
| -X1-S-A, -X1-S-A-K | PT-1-24-01-12 | TP-12 |
| -X1-S-LC, -X1-S-LC-K | 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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