

DO NOT  
SCALE FROM  
THIS PRINT

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

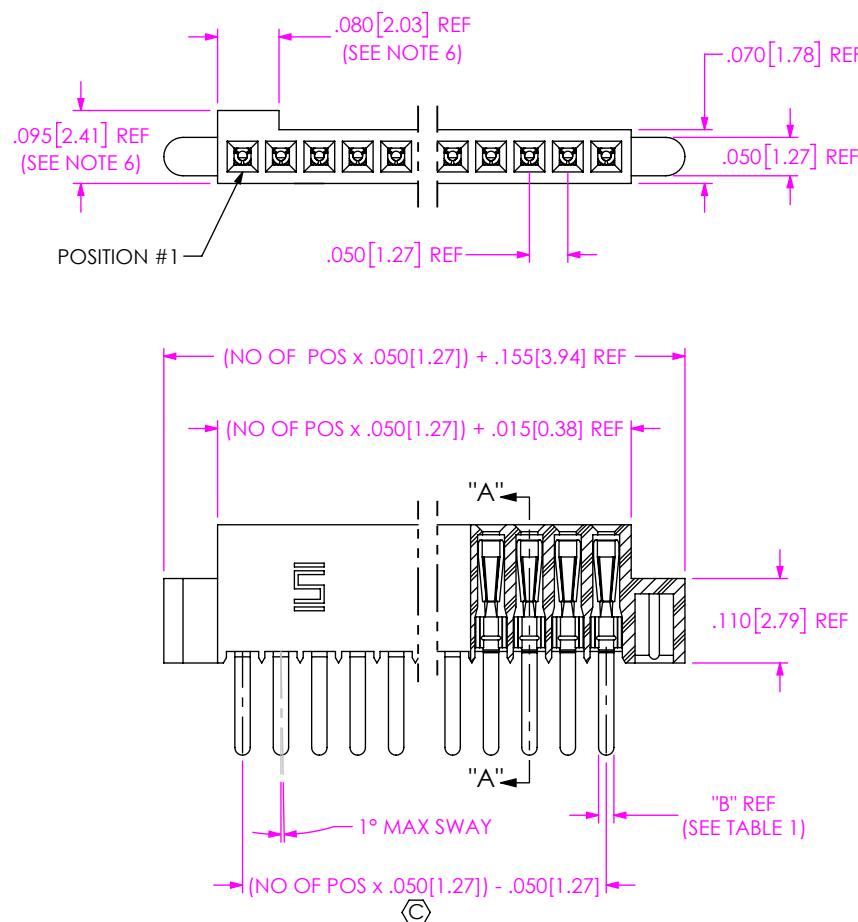


FIG 1  
THROUGH HOLE/STRAIGHT MODIFIED  
(SFM-130-X1-XX-S SHOWN)

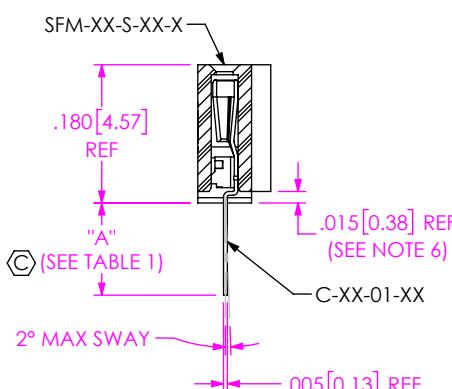
## NOTES:

- ① CIRCLE REPRESENTS A CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
- MINIMUM PUSHOUT FORCE: .5 LBS
- COPLANARITY TO BE WITHIN .004[0.10]
- TUBES ARE STANDARD PACKAGING.
- 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.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

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

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)



SECTION "A"-A

PACKAGING  
BLANK: TUBES (SEE NOTE 4)  
-TR: TAPE & REEL (SEE NOTES 7 & 8)  
(-X2 LEAD STYLE ONLY)  
-FR: FULL REEL QTY TAPE & REEL  
(SEE NOTES 7 & 8)  
(-X2 LEAD STYLE ONLY)

PICK & PLACE OPTION  
-P: PICK & PLACE PAD  
(USE PPP-14, SEE FIG 4, SHT 2)  
-K: POLYAMIDE FILM  
(USE K-DOT-.118-.219-005,  
SEE FIG 6, SHT 2)

OPTIONS  
BLANK: STANDARD  
(USE SFM-XX-S-LC-X)  
-A: ALIGNMENT PIN  
(USE SFM-XX-S-A-X)  
-LC: LOCKING CLIP  
(USE LC-05-TM & SFM-XX-S-LC-X)  
(SEE FIG 5, SHT 2) (SEE NOTE 5)  
\*SN: SOLDER NAIL (SEE FIG 7, SHT 3)

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

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  
INSULATOR: VECTRA E130, COLOR: BLACK  
CONTACT: BeCu #25

SHEET SCALE: 4:1

MAX FLASH ALLOWED: .002[0.05]  
MAX GATE VESTIGE: .002[0.05]

c:\enterprisevault\DWG\MISC\MKTG\SFM-1XX-XX-S-XX-X-XX-MKT.SLDDRW

**samtec**  
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 [1.27] C.L. SOCKET STRIP  
SINGLE ROW ASSEMBLY

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

BY: REIDINGER 09/08/1992 SHEET 1 OF 3

REVISION BE

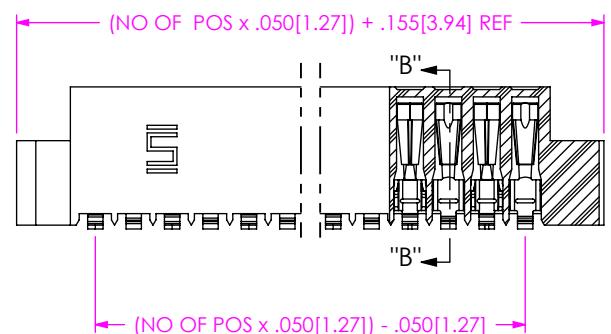
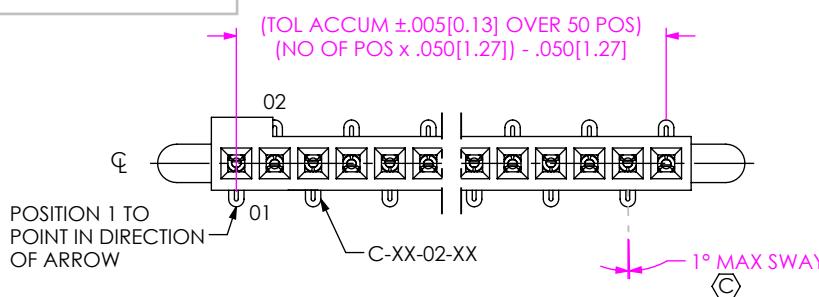


FIG 2  
SURFACE MOUNT  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-130-02-XX-S SHOWN)

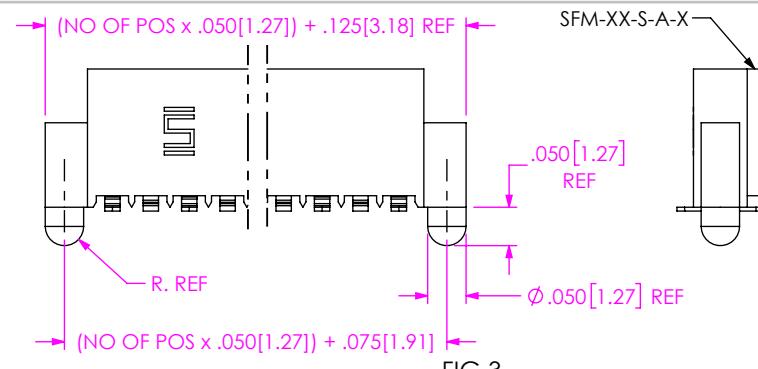
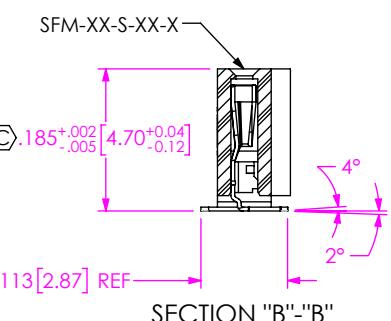


FIG 3  
-A: ALIGNMENT PIN  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-125-02-XX-S-A SHOWN)

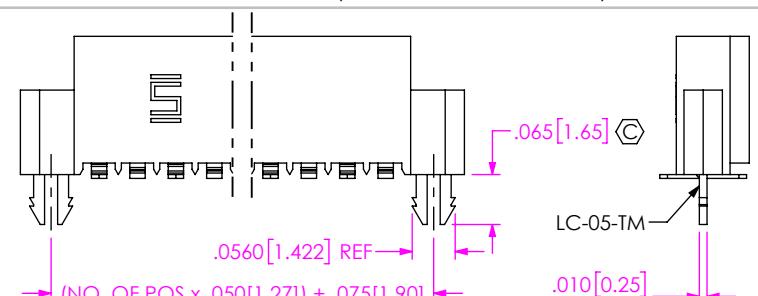


FIG 5  
-LC: LOCKING CLIP  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-112-02-XX-S-LC SHOWN)

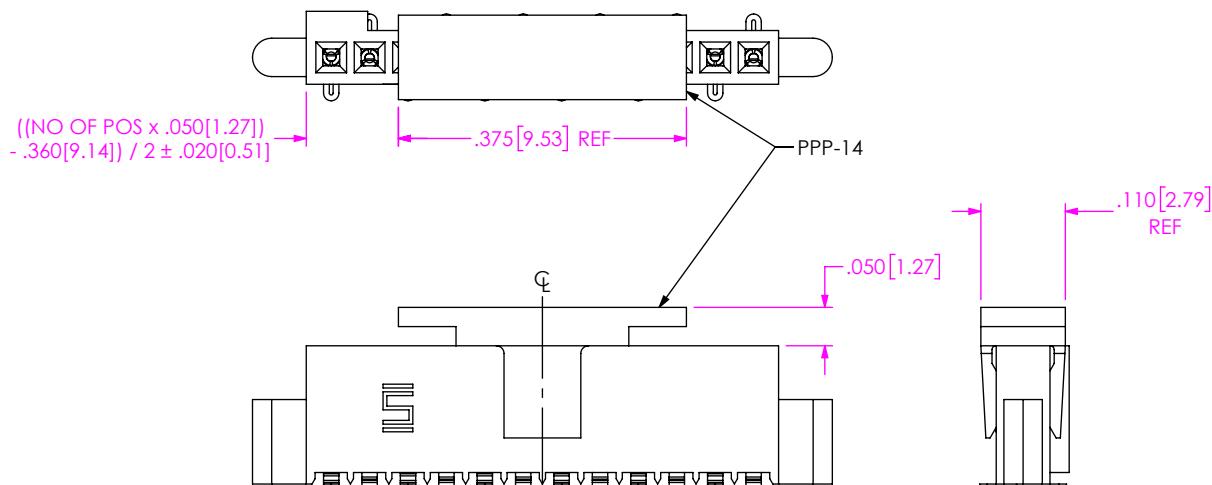


FIG 4  
-P: PICK & PLACE PAD  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(PLACE PAD ABOUT C.L. AS SHOWN)  
(SFM-112-02-XX-S-P SHOWN)

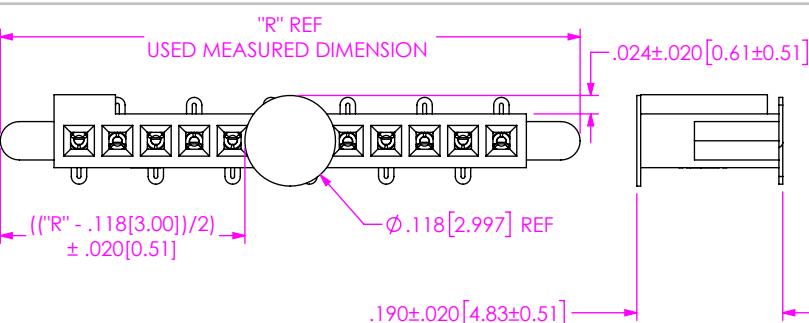


FIG 6  
-K: OPTION (POLYIMIDE FILM PAD)  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-112-02-XX-S-K SHOWN)



SHEET SCALE: 4:1

**Samtec**

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

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

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

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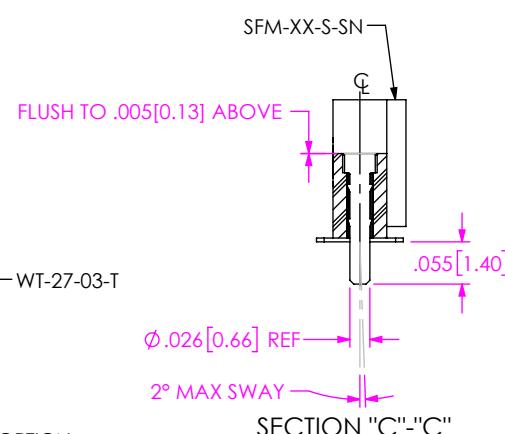
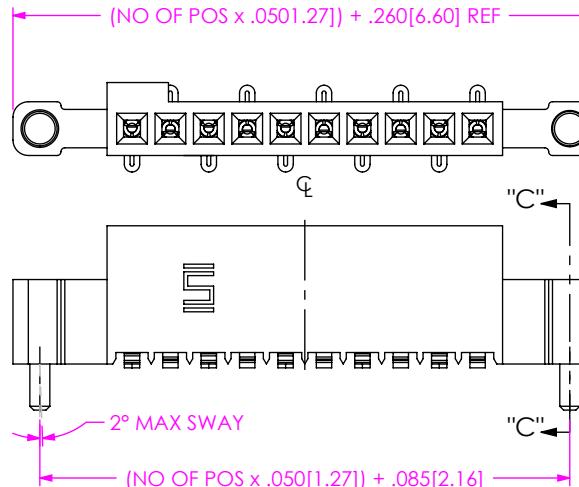
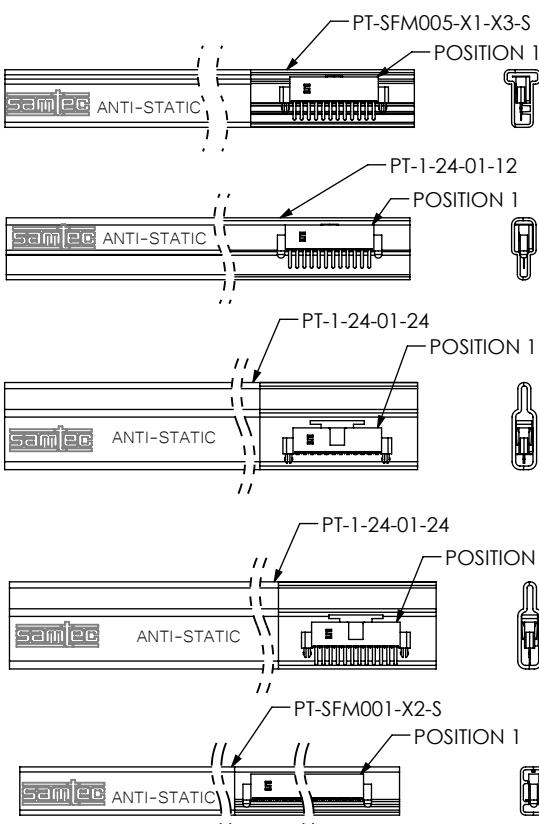


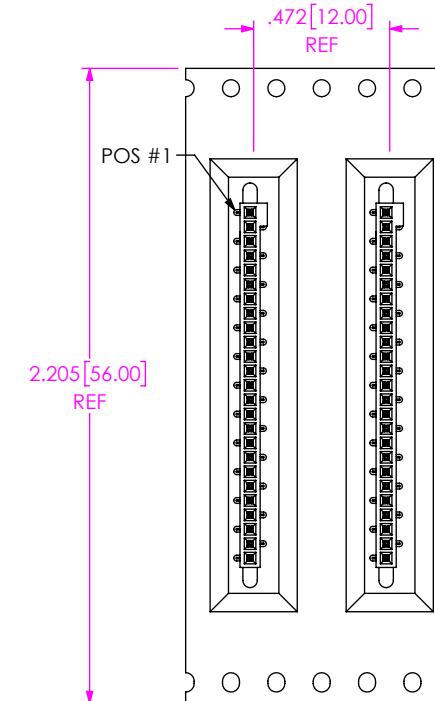
FIG 7  
\* -SN: SOLDER NAIL OPTION  
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1  
(SFM-110-02-XX-S-SN SHOWN)

## PACKAGE PARTS IN TUBE AS SHOWN

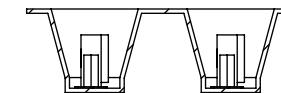


## PACKAGING TUBE TABLE

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-SFM005-X1-X3-S	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



USER DIRECTION OF UN-REELING  
POCKET NOT DETAILED



TAPE & REEL VIEW  
(SFM-125-02-XX-S-XR SHOWN)

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