

REVISION AH

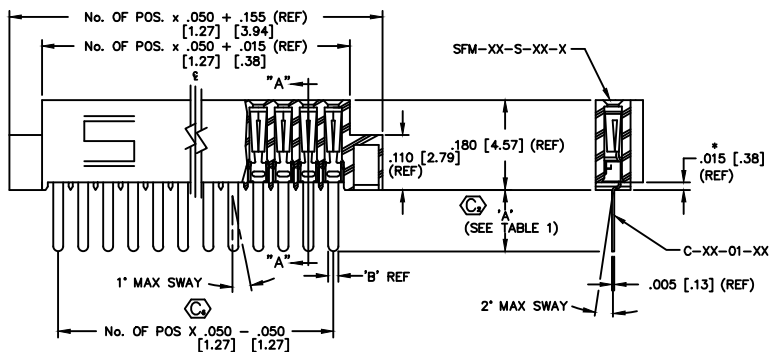
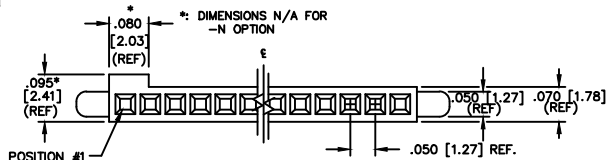


FIG. 1
THROUGH HOLE/STRAIGHT MODIFIED

DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

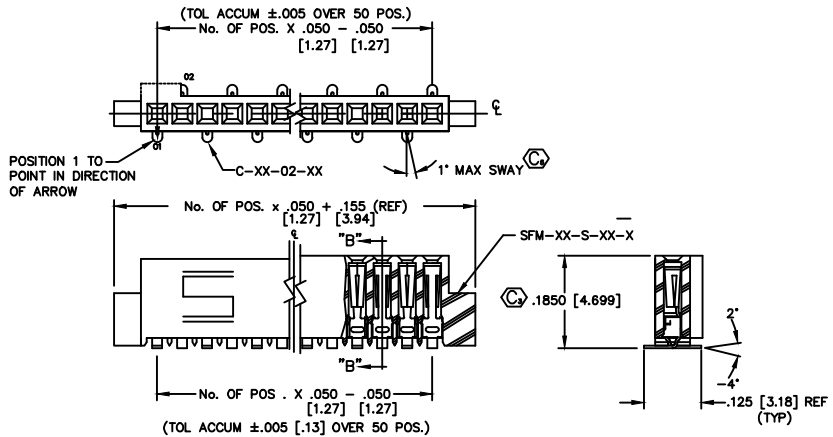


FIG. 2
-02: SURFACE MOUNT

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| | | | | | | | |
|-----------------------------|-------------------------------|-----------------------------------|------------------------------------|-----------------|--------|--|---|
| DIMENSIONS ARE IN INCHES | | UNLESS OTHERWISE NOTED | | TOLERANCES ARE: | ANGLES | TITLE: .050 [1.27] C.L. SOCKET STRIP SINGLE ROW ASSEMBLY | DWG NO: SFM-1XX-XX-XX-S-XX SHEET 1 OF 2 |
| ONE PLACE DECIMALS: ±.1 [3] | TWO PLACE DECIMALS: ±.01 [-3] | THREE PLACE DECIMALS: ±.005 [.13] | FOUR PLACE DECIMALS: ±.0020 [.051] | ± 2* | | | |

- SFM-1XX-XX-XX-S-XX**
- NO. OF POSITIONS**
ALL POSITIONS AVAILABLE
-2 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-81-01-XXX)
(SEE FIG. 1)
 - L2: SURFACE MOUNT (LOW INSERTION)
USE CONTACT: (C-81-02-XXX)
(SEE FIG. 2)
 - L3: STRAIGHT MODIFIED (LOW INSERTION)
USE CONTACT: (C-81-03-XXX)
(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)
- OPTIONS**
(LEAVE BLANK FOR STANDARD AND USE SFM-XX-S-LC-X)
-N: NO POLARIZATION NOTCH (USE SFM-XX-S-XX-N)
-A: ALIGNMENT PIN (USE SFM-XX-S-A-X)
(SEE FIGURE 3)
-LC: LOOKING CLIP (SEE FIGURE 5) (SEE NOTE 5)
(USE (2) LC-05-TM & SFM-XX-S-LC-X)
-P: PICK AND PLACE PAD (SEE FIGURE 4)
USE PPP-14
-K: POLYIMIDE FILM (SEE FIG. 6, SHT. 2)
-TR: TAPE AND REEL (-X2 LEAD STYLE ONLY)
*-SN: SOLDER NAIL (SEE SHT. 3, FIG. 7)
- BODY SPECIFICATION**
-S: SINGLE 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
 - L: LIGHT SELECTIVE, 10 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 - SM: SELECTIVE, 30 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 - FM: FLASH SELECTIVE, 3 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL
 - LM: LIGHT SELECTIVE, 10 Au / 50 NI MIN ON CONTACT, MATTE TIN TAIL

TABLE 1

| SUFFIX | TAIL LENGTH "A" | TAIL WIDTH "B" |
|---------|-----------------|----------------|
| -01,-L1 | .120 [3.05] | .020 [.51] |
| -03,-L3 | .075 [1.91] | .016 [.41] |

- NOTES:
1. MIN. PUSHOUT FORCE: .5 lb.
 2. COPLANARITY TO BE WITHIN .004 [.10].
 3. (C) REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
 4. TUBE ALL POSITIONS.
 5. 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.

PLOT SCALE: 1=.15

MATERIAL:
INSULATOR:
LCP, UL 94 VO
CONTACT:
BeCu

EXISPROD\ASSEMBLY\050 SFMASMS1

samtec

620 PARK EAST BLVD., NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: REIDINGER 9-8-92
CHECKED BY: McCARTIN
DATE: DEM
SFM-1XX-XX-XX-S-XX SHEET 1 OF 2

REV. AH

FIG. 3
-A: ALIGNMENT PIN
DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

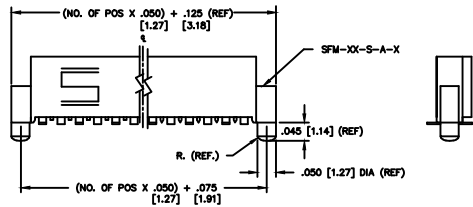


FIG. 4
-P: PICK & PLACE PAD
(PLACE PAD ABOUT C.L. AS SHOWN)
DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

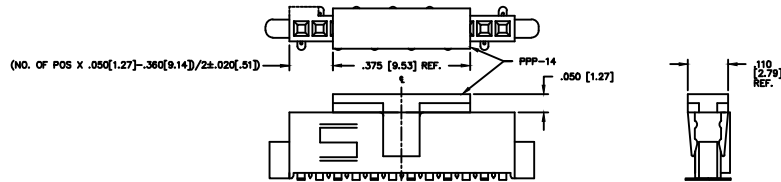


FIG. 5
-LC: LOCKING CLIP
DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

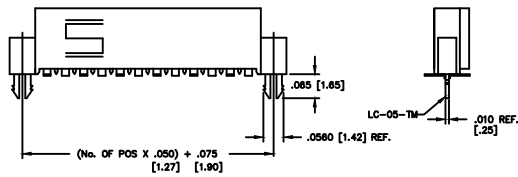
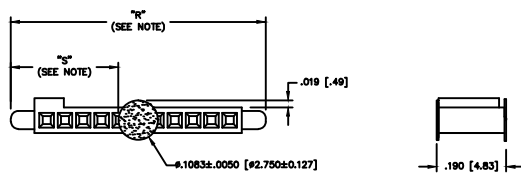


FIG. 6
-K: OPTION (POLYAMIDE FILM PAD)

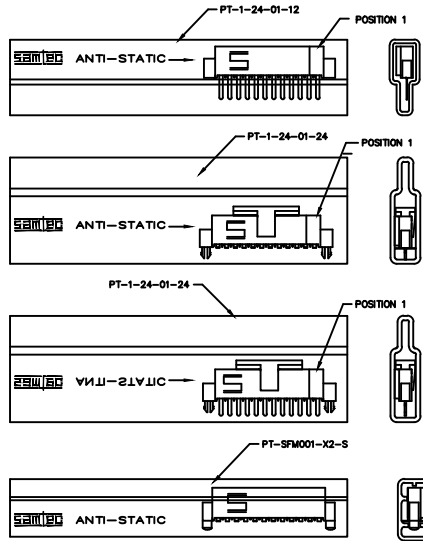


NOTE: "M" = USED MEASURED DIMENSION [REF]
"S" = [(7"-1.063 [2.763]) / 2] ± .020 [51]

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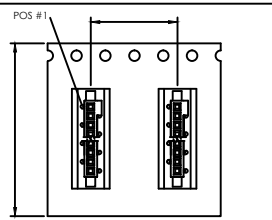
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| ONE PLACE DECIMALS ± 1 [3] | TWO PLACE DECIMALS ± .01 [-3] | THREE PLACE DECIMALS ± .005 [13] | FOUR PLACE DECIMALS ± .0020 [51] | ANGLES | ± 2° | | | | |

PACKAGE PARTS IN TUBE AS SHOWN



PACKAGING TUBE TABLE

| LEAD STYLE | PACKAGING TUBE | PLUG |
|------------|----------------|-------|
| -X1-S | PT-1-24-01-12 | TP-12 |
| -X1-S-A | PT-1-24-01-12 | TP-12 |
| -X1-S-LC | PT-1-24-01-12 | 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-1-24-01-12 | TP-12 |
| -X2-S-A | PT-SFM001-X2-S | TP-12 |
| -X2-S-K | PT-SFM001-X2-S | TP-12 |
| -X2-S-SN | PT-SFM001-X2-S | TP-12 |
| -X2-S-LC | PT-1-24-01-12 | TP-12 |
| -X2-S-P | PT-1-24-01-17 | TP-07 |
| -X2-S-A-P | PT-1-24-01-24 | TP-24 |
| -X2-S-LC-P | PT-1-24-01-17 | TP-07 |
| -X3-S | PT-1-24-01-12 | TP-12 |
| -X3-S-A | PT-1-24-01-12 | TP-12 |
| -X3-S-LC | PT-1-24-01-12 | 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 |



POCKET NOT DETAILED



-TR: TAPE AND REEL

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EXSPROD ASSEMBLY 050 SFMASMS2
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PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: REIDINGER 9-8-92
CHECKED BY: MCCARTIN

DATE: 9/8/92
APP'D: DEM

SFM-1XX-XX-XX-S-XX
SHEET 2 OF 2

REV. AH

| | | | | | | | |
|--------------------------------|-------------------------------------|------------------------|--|----------------|------|-------------------------|--------------------|
| DIMENSIONS ARE IN INCHES | | UNLESS OTHERWISE NOTED | | TOLERANCES ARE | | TITLE: .050 [1.27] C.L. | DWG NO: |
| ONE PLACE DECIMALS: ± .1 [3] | THREE PLACE DECIMALS: ± .005 [.13] | ANGLES | | | ± 2° | SOCKET STRIP | SFM-1XX-XX-XX-S-XX |
| TWO PLACE DECIMALS: ± .01 [.3] | FOUR PLACE DECIMALS: ± .0020 [.051] | | | | | SINGLE ROW ASSEMBLY | SHEET 03 |

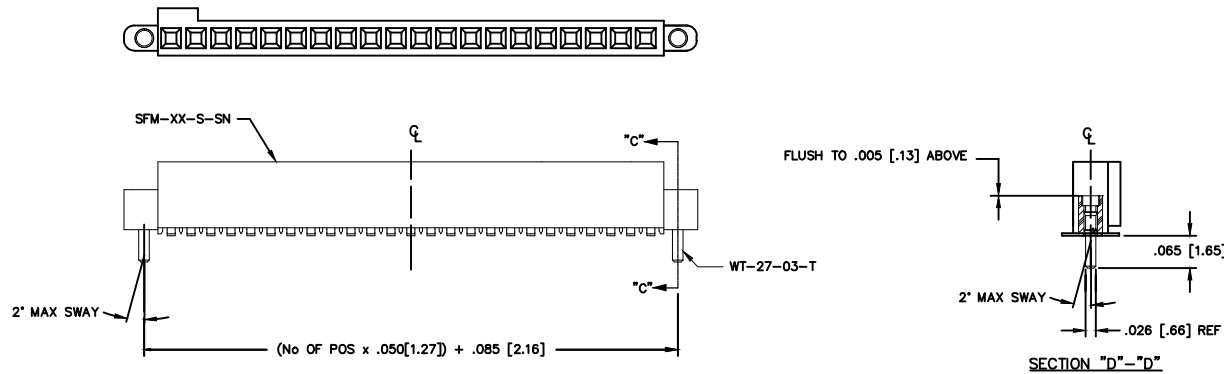


FIG. 7
 * -SN: SOLDER NAIL OPTION
 DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

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SFM-1XX-XX-XX-S-XX-ASM3
 EXISPROD\ASSEMBLY\050

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 CODE 55322

| | | |
|---------------------------|--------------------|-------------------------------------|
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| CHECKED BY: McCARTIN | | |

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