

REVISION AG

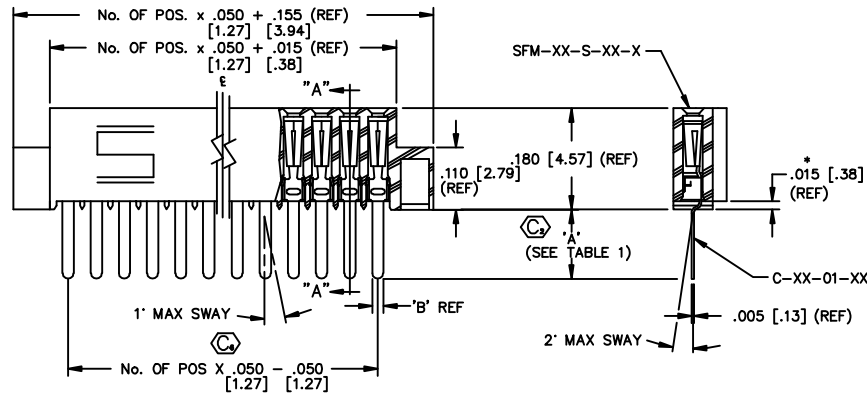
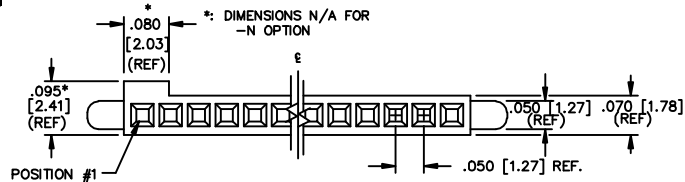


FIG. 1 THROUGH HOLE/STRAIGHT MODIFIED

DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

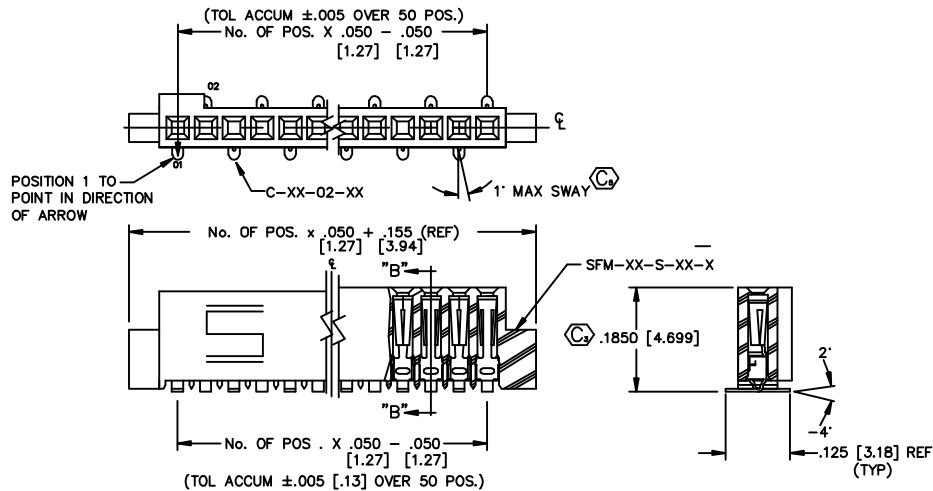


FIG. 2 -02: SURFACE MOUNT

SECT. "A"- "A"

SECT. "B"- "B"

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

ONE PLACE DECIMALS: ±.1 [3] THREE PLACE DECIMALS: ±.005 [.13] ANGLES ±2°

TWO PLACE DECIMALS: ±.01 [.3] FOUR PLACE DECIMALS: ±.0020 [.051]

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

DWG NO: SFM-1XX-XX-XX-S-XX SHEET 1 OF 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-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-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: LOCKING 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

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF SAMTEC INC.

MATERIAL:
INSULATOR:
LCP, UL 94 V0
CONTACT:
BeCu

EXISPROD\ASSEMBLY\050 SFMASMS1

samtec

520 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

REV. APPROVAL: DEM

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