

FIG 1  
 THROUGH HOLE/STRAIGHT MODIFIED

DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

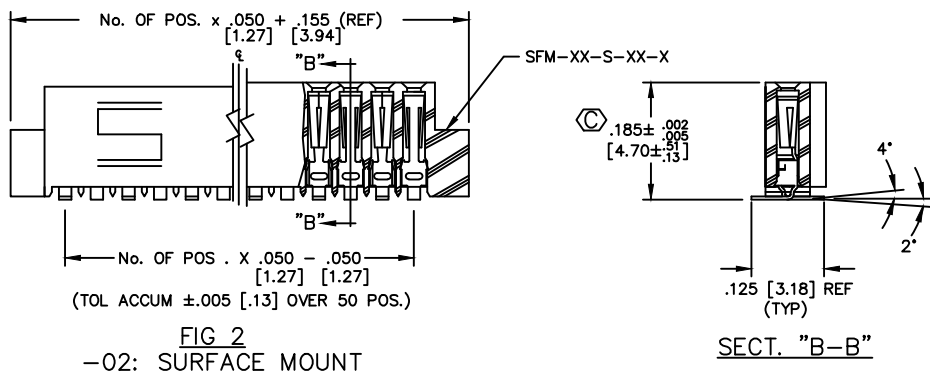
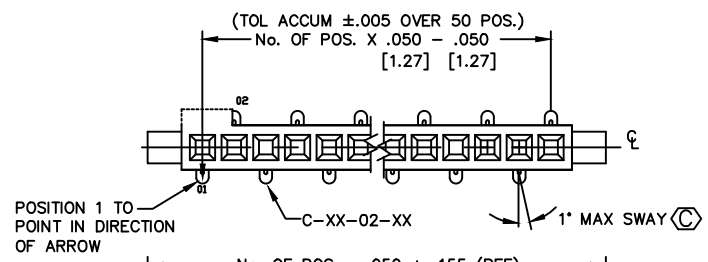


FIG 2  
 -02: SURFACE MOUNT

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) (AVAILABLE ON 5 THRU 50 POSITION ONLY)  
 -K: POLYAMIDE 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: 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

\* = NOT TOOLED

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

TABLE 1

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

- 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.

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

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