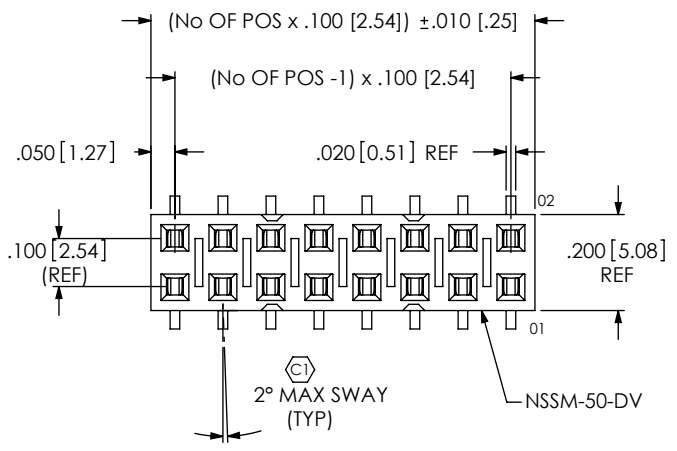


DO NOT SCALE FROM THIS PRINT

SSM-1XX-XXX-DV-XX-XX-X-XX



No OF POSITIONS  
 -02 THRU -40  
 (PER ROW) (SEE NOTE 7)

- PLATING**
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - T: MATTE TIN CONTACT AND TAIL
  - F: 3μ" FLASH SELECTIVE GOLD CONTACT, MATTE TIN ON TAIL
  - H: 30μ" HEAVY GOLD IN CONTACT AREA 3μ" ON TAIL
  - STL: 30μ" SELECTIVE GOLD IN CONTACT AREA TIN/LEAD (90/10+/-5%) TAIL
  - SM: 30μ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN TAIL
  - TM: MATTE TIN CONTACT AND TAIL
  - FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN TAIL

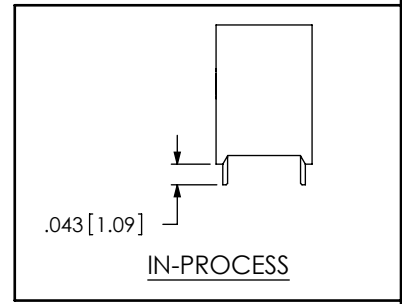
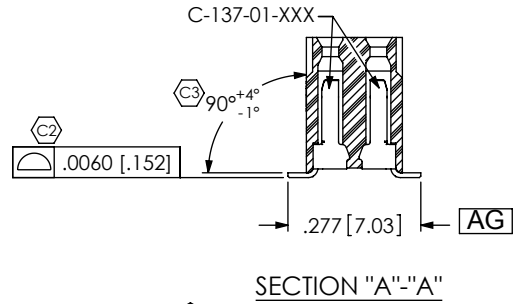
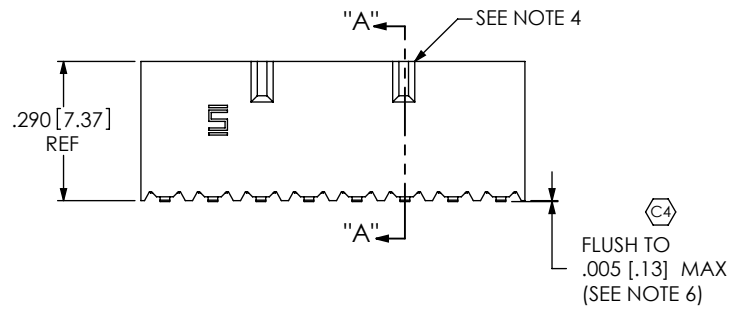
- OPTION**
- A: ALIGNMENT PIN (SEE FIG 3, SHT 2) (MOLDED: USE NSSM-XX-DV-XX, 4 POS MIN)
  - P: PICK & PLACE PAD (SEE NOTE 5) (USE PPP-01, SEE FIG 4, SHT 2)
  - M: METAL PICK & PLACE PAD (SEE NOTE 5) (USE LMP-02, SEE FIG 5, SHT 2)
  - K: POLYIMIDE FILM PAD (POS 2 THROUGH 40 - SEE NOTE 5) (USE K-500-300, SEE FIG 6, SHT 2)
  - TR: TAPE & REEL (SEE FIG 8, SHT 2-29 POSITIONS MAX)

- OPTION**
- BE: BOTTOM ENTRY (ONLY AVAILABLE ON -DV) (FOR -DV SEE NSSM-50-DV-XX)

- POLARIZING OPTION**
- XX: POSITION TO BE POLARIZED (USE PK-06-N) (SEE FIG 7, SHT 2) (NOT AVAILABLE WITH -BE OPTION)

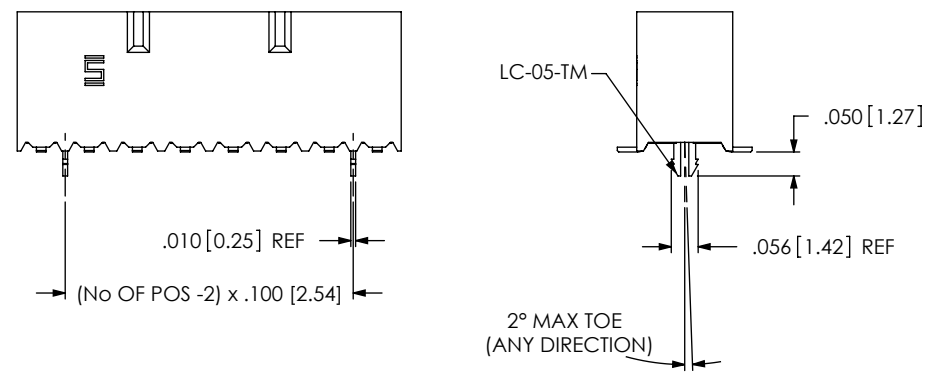
- MOUNTING OPTION**
- LC: LOCKING CLIP (USE LC-05-TM) (SEE FIG 2) (SEE NOTE 8)

- ROW SPECIFICATION**
- DV: DOUBLE VERTICAL (USE NSSM-XX-DV-XX)



- NOTES:**
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  2. MINIMUM PULLOUT FORCE: 1 lb
  3. MAXIMUM CUT FLASH: .010 [.25]
  4. CUT PARTS MAY OR MAY NOT HAVE NOTCHES
  5. -P OPTION: 4 POSITION AND UNDER TO BE -T/R  
 -M OPTION: 3 POSITION AND UNDER TO BE -T/R  
 -K OPTION: 3 POSITION AND UNDER TO BE -T/R  
 ALL OTHER POSITIONS WITH -P, -M, -K OPTIONS ARE TO BE TUBED, UNLESS -TR ORDERED BY CUSTOMER.
  6. FLUSH DIMENSION MUST BE INSPECTED ON BOTH ROWS OF ASSEMBLY.
  7. -40 MAX POSITION AVAILABLE, -50 FOR STOCK ONLY
  8. 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.

FIGURE 2  
 -LC: LOCKING CLIP OPTION



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX: ±.01 [.3] 2°  
 .XXX: ±.005 [.13]  
 .XXXX: ±.0020 [.051]

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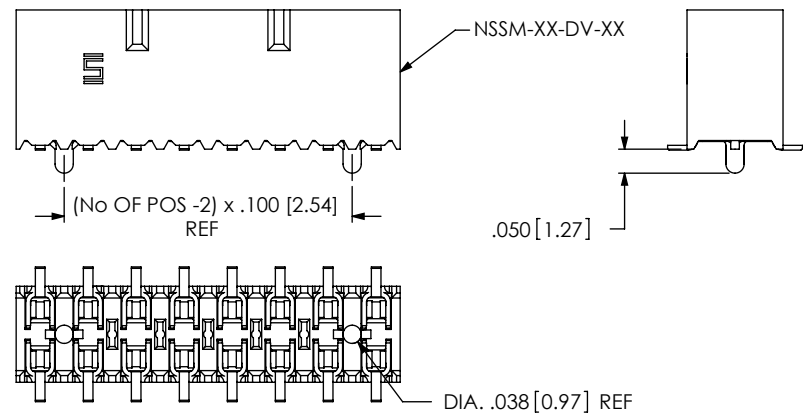


520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

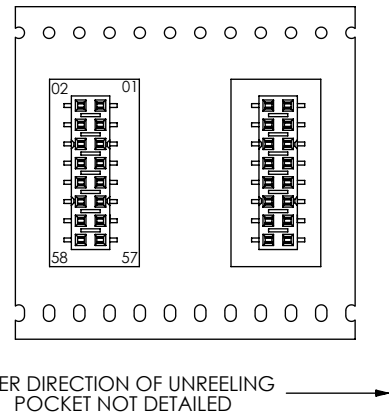
**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 1:0.4  
 BODY: LCP UL 94 VO, COLOR: BLACK  
 CONTACT: PHOS BRONZE

**DESCRIPTION:** .100 C.L. DOUBLE VERTICAL SMT SOCKET STRIP  
**DWG. NO.** SSM-1XX-XXX-DV-XX-XX-X-XX  
**BY:** KEVIN B 3/8/2000 **SHEET 1 OF 2**

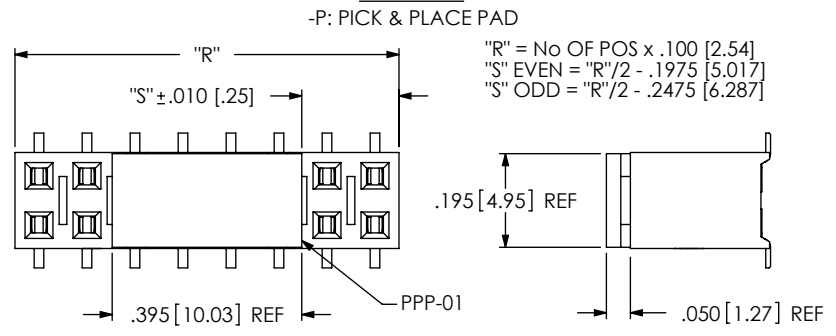
**FIGURE 3**  
-A: ALIGNMENT PIN  
MOLDED (4 POSITION MIN)



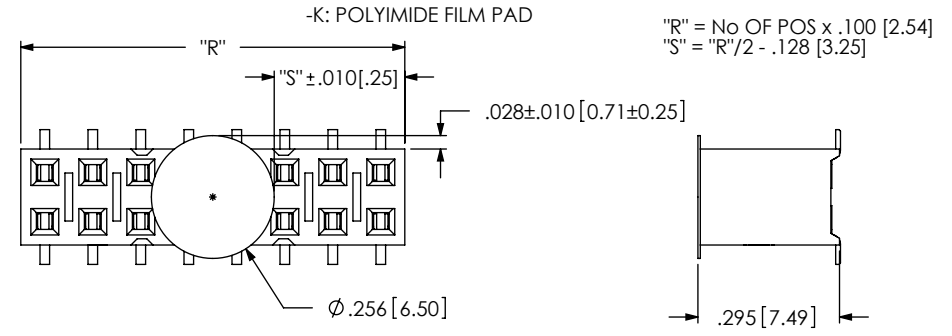
**FIGURE 8**  
TAPE & REEL VIEW



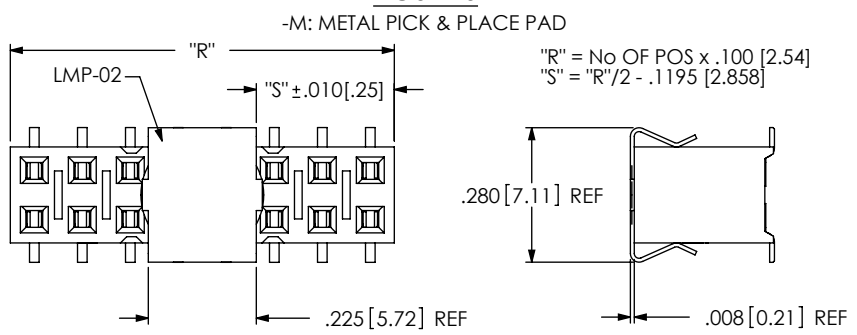
**FIGURE 4**



**FIGURE 6**



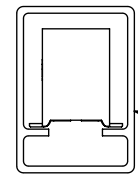
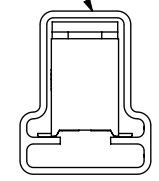
**FIGURE 5**



**TABLE 1**

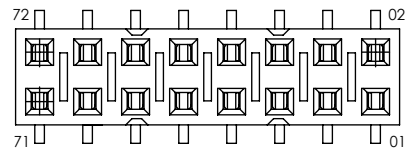
OPTION	PACKAGING TUBE	PLUG	POSITIONS ALLOWED
-K, -M -LC-K, -LC-M, -A-K, NONE, -LC, -A, -P-LC, -P	PT-1-24-01-103 PT-1-24-03-15	TP-09 TP-03	02 THRU 40 02 THRU 40

PT-1-24-03-15



PT-1-24-01-103

**FIGURE 7**  
POLARIZING POSITIONS



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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
.100 C.L. DOUBLE VERTICAL SMT SOCKET STRIP

DWG. NO.  
**SSM-1XX-XXX-DV-XX-XX-X-XX**

BY: KEVIN B 3/8/2000 SHEET 2 OF 2