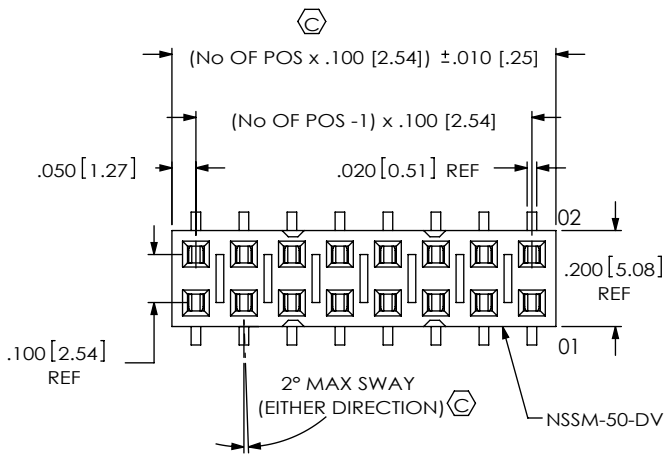


DO NOT SCALE FROM THIS PRINT

SSM-1XX-XXX-DV-XX-XX-XXX-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**
- 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-DOT-.256-.375-.005, SEE FIG 6, SHT 2)
 - TR: TAPE & REEL (SEE FIG 8, SHT 2-29 POSITIONS MAX)

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

- MOUNTING OPTION**
- A: ALIGNMENT PIN (SEE FIG 3, SHT 2) (MOLDED: USE NSSM-XX-DV-XX, 4 POS MIN)
 - LC: LOCKING CLIP (USE LC-05-TM) (SEE FIG 2) (SEE NOTE 8)

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

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

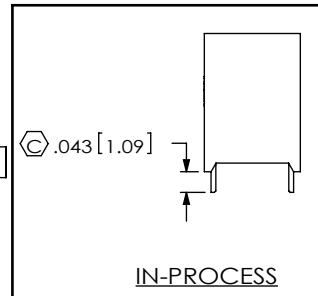
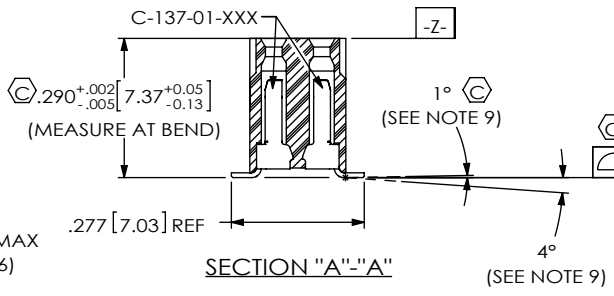
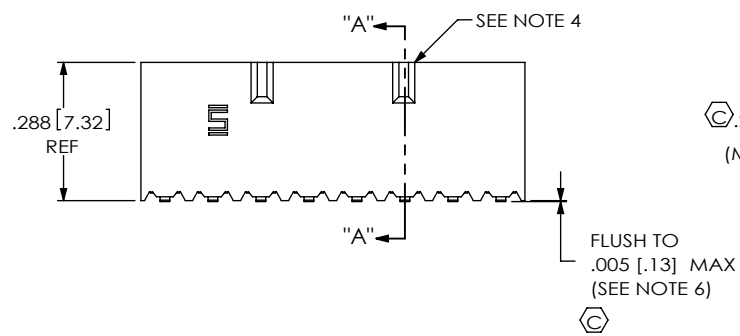
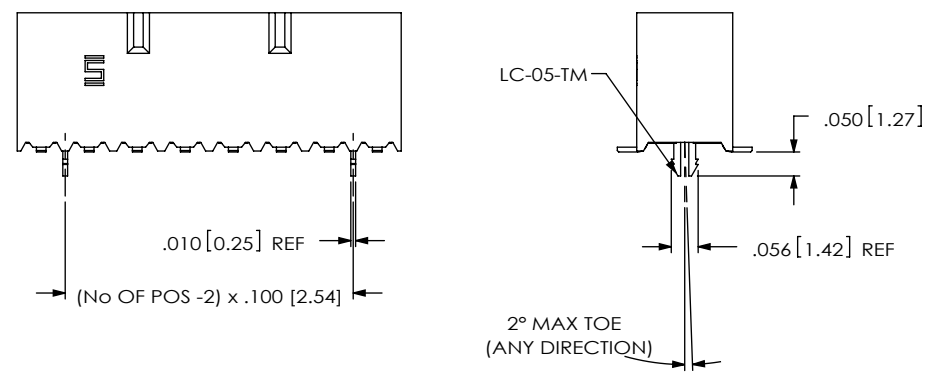


FIGURE 2
-LC: LOCKING CLIP OPTION



- NOTES:**
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
 2. MINIMUM PULLOUT FORCE: .50 LBS
 3. MAXIMUM CUT FLASH: .010 [2.54]
 4. CUT PARTS MAY OR MAY NOT HAVE NOTCHES
 5. -P OPTION: 4 POSITION AND UNDER TO BE -T/R
 6. -M OPTION: 3 POSITION AND UNDER TO BE -T/R
 7. -K OPTION: 3 POSITION AND UNDER TO BE -T/R
 8. ALL OTHER POSITIONS WITH -P, -M, -K OPTIONS ARE TO BE TUBED, UNLESS -TR ORDERED BY CUSTOMER.
 9. FLUSH DIMENSION MUST BE INSPECTED ON BOTH ROWS OF ASSEMBLY.
 10. -40 MAX POSITION AVAILABLE, -50 FOR STOCK ONLY
 11. 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.
 12. THIS DIMENSION IS TO BE MEASURED RELATIVE TO DATUM -Z-.

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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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-XXX-XX**

BY: KEVIN B 3/8/2000 SHEET 1 OF 2

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

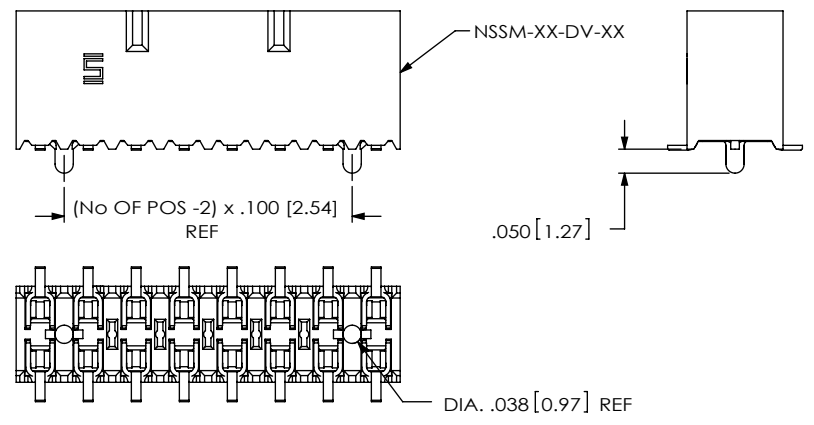


FIGURE 8
TAPE & REEL VIEW

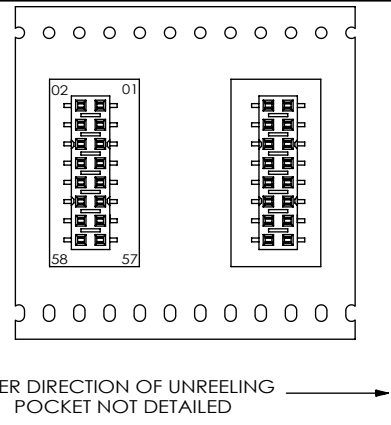


FIGURE 4

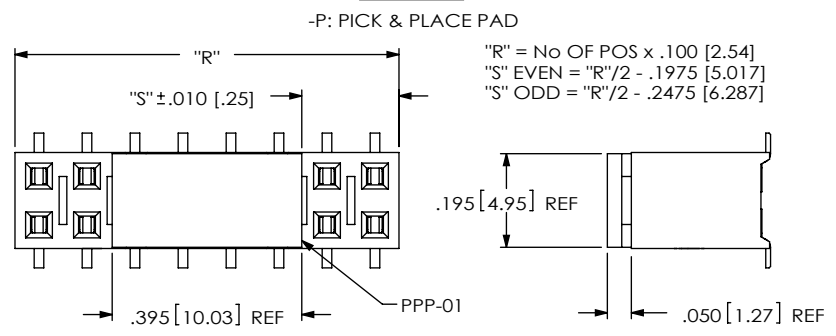


FIGURE 6

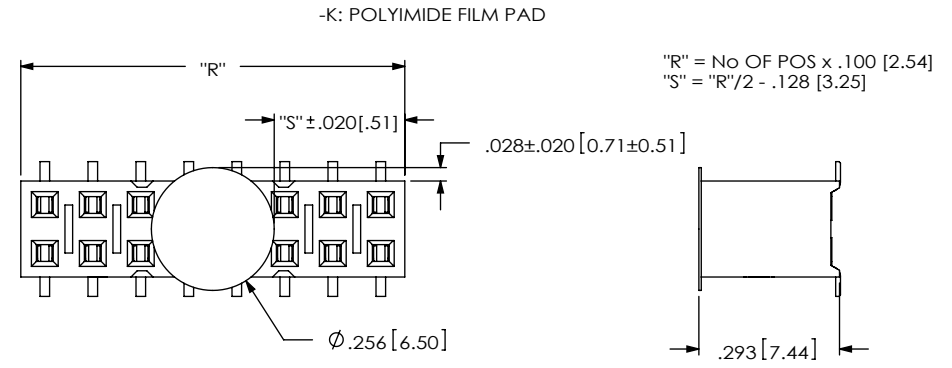


FIGURE 5

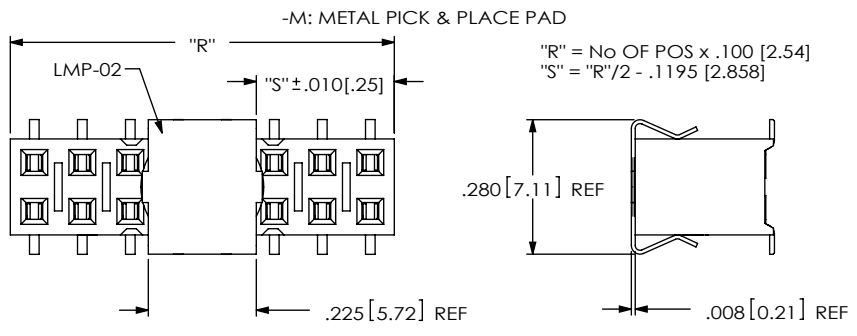
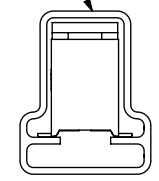


TABLE 1

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-07 TP-03	02 THRU 40 02 THRU 40

PT-1-24-03-15



PT-1-24-01-103

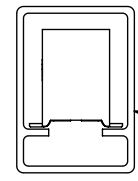
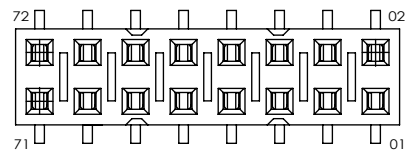


FIGURE 7
POLARIZING POSITIONS



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SHEET SCALE: 1:0.4



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DESCRIPTION:
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DWG. NO.
SSM-1XX-XXX-DV-XX-XX-XXX-XX

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