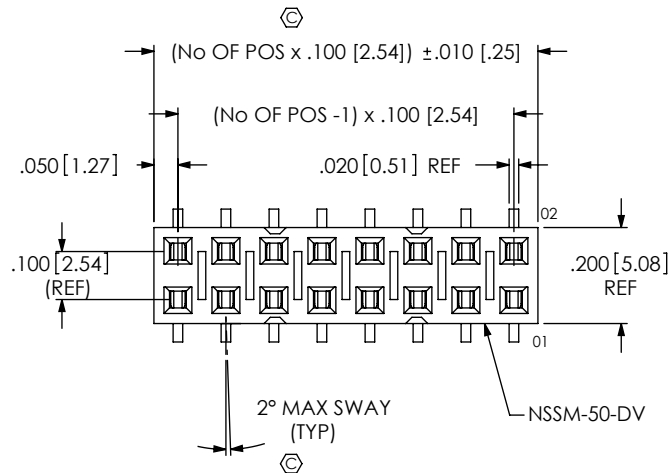


DO NOT  
SCALE FROM  
THIS PRINT



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

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

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)

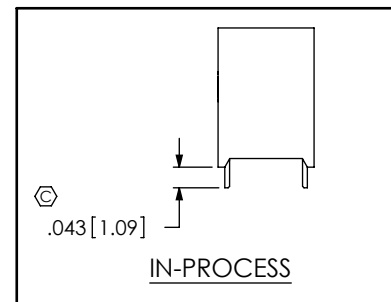
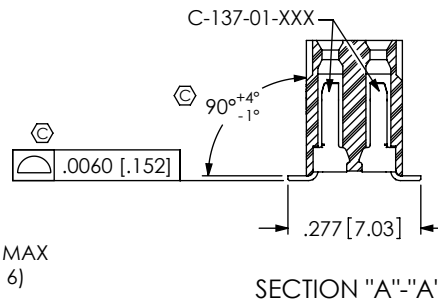
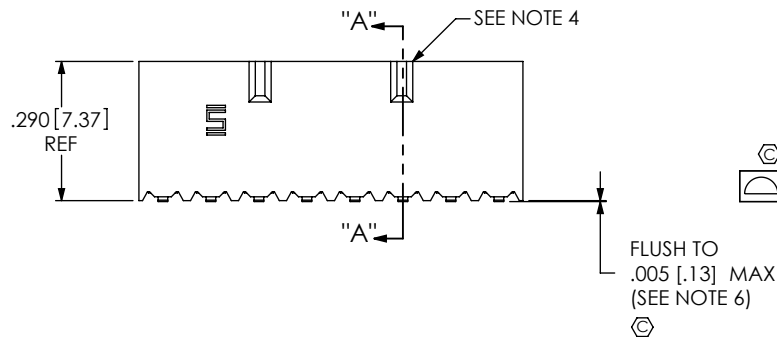
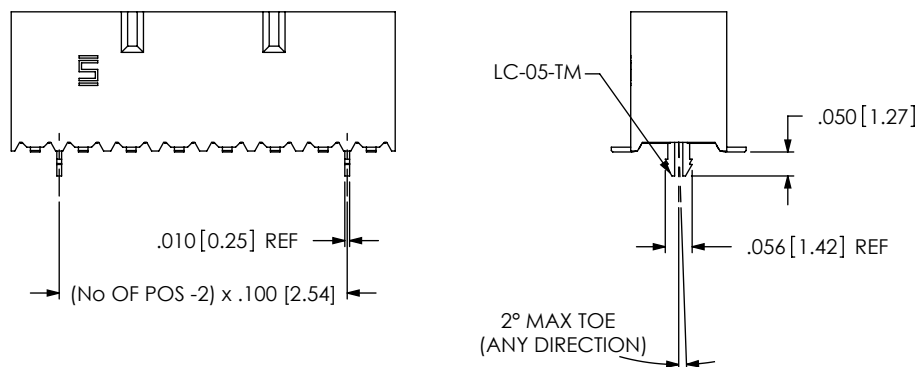


FIGURE 2  
-LC: LOCKING CLIP OPTION



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 -I/R
6. -M OPTION: 3 POSITION AND UNDER TO BE -I/R
7. -K OPTION: 3 POSITION AND UNDER TO BE -I/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.

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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**samtec**

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)

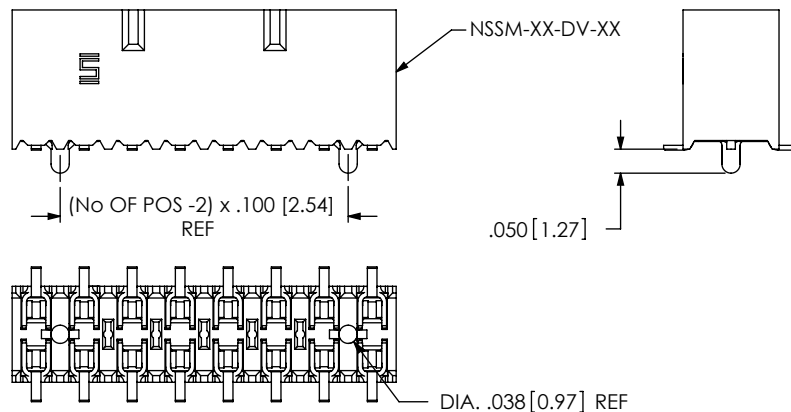
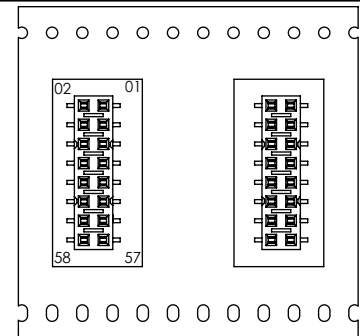


FIGURE 8  
TAPE & REEL VIEW



USER DIRECTION OF UNREELING  
POCKET NOT DETAILED

FIGURE 4

-P: PICK & PLACE PAD

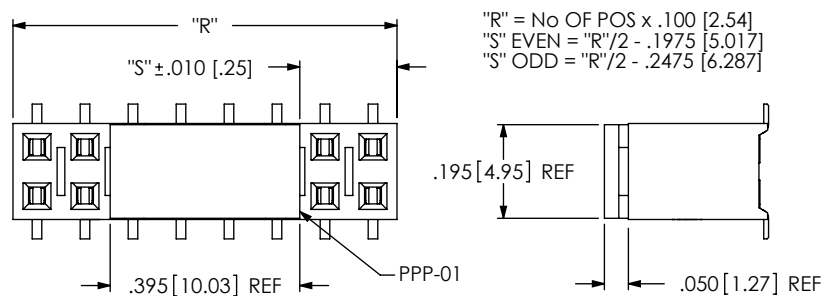


FIGURE 6

-K: POLYIMIDE FILM PAD

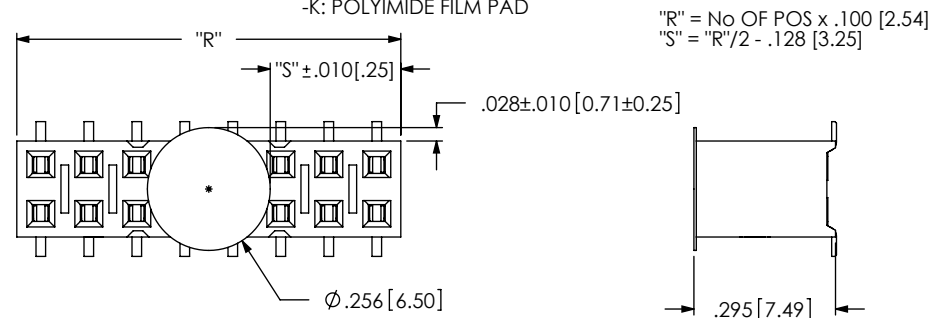


FIGURE 5

-M: METAL PICK & PLACE PAD

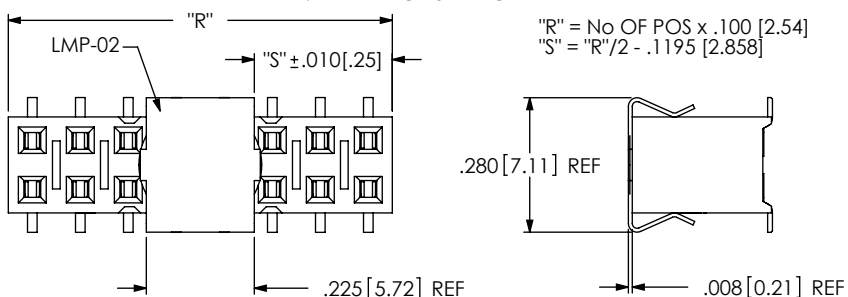
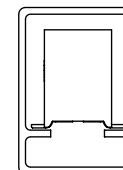
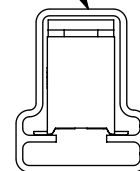


TABLE 1

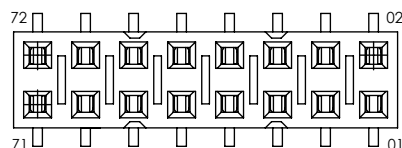
OPTION	PACKAGING TUBE	PLUG	POSITIONS ALLOWED
-K, -M -LC-K, -LC-M, -A-K, NONE, -LC, -A, -P-LC, -P	PT-1-24-01-103	TP-09	02 THRU 40
	PT-1-24-03-15	TP-03	02 THRU 40

PT-1-24-03-15



PT-1-24-01-103

FIGURE 7  
POLARIZING POSITIONS



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**samtec**

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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