

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

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-DOT-.256-.375-.005, 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

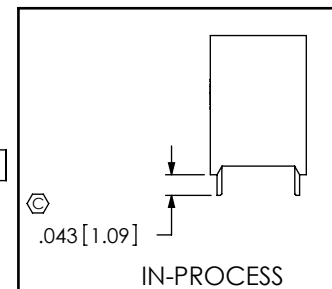
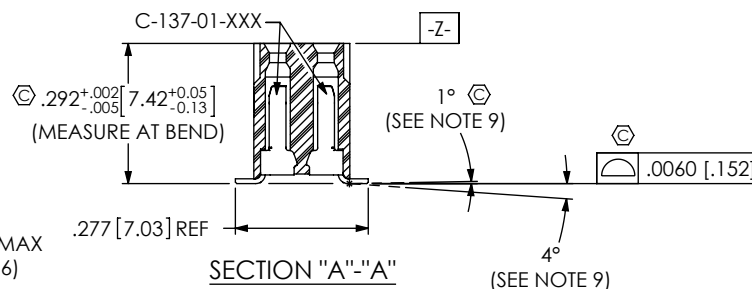
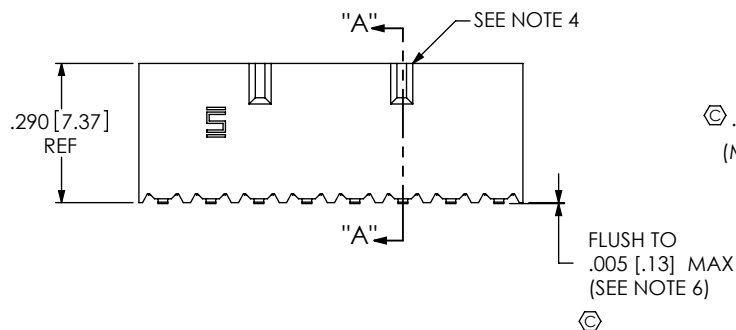
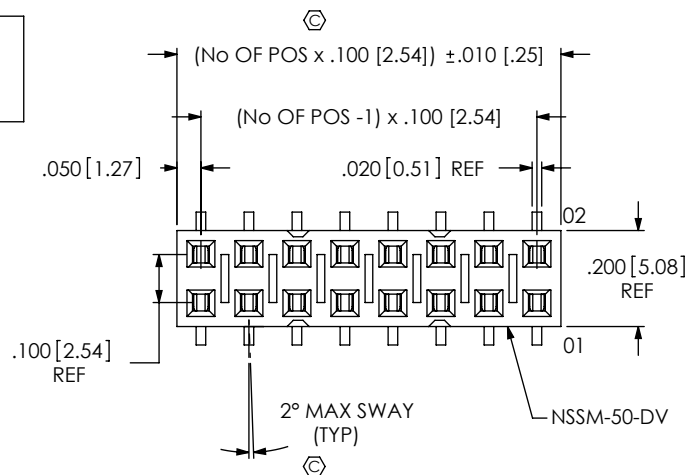
- LC: LOCKING CLIP
(USE LC-05-TM) (SEE FIG 2) (SEE NOTE 8)

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)



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PULLOUT FORCE: .50 LBS
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
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-.

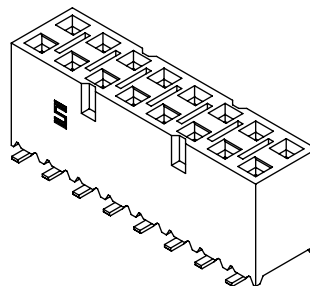
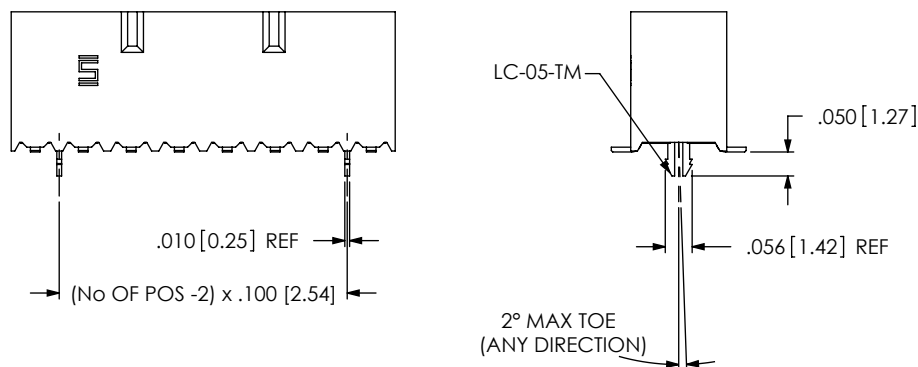


FIGURE 2

-LC: LOCKING CLIP OPTION



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]
2°

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

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)

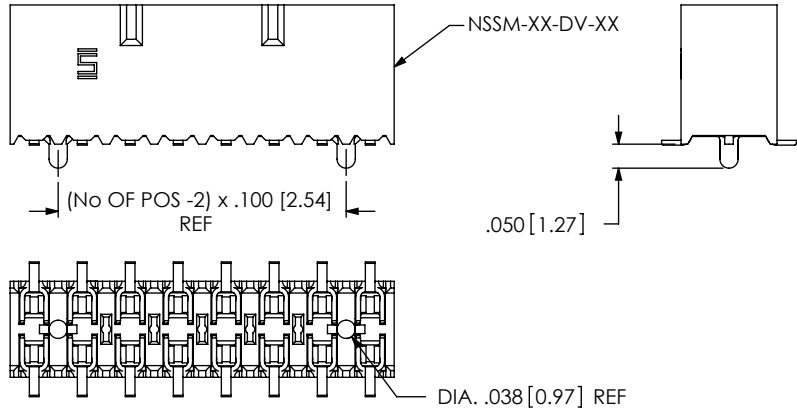


FIGURE 8
TAPE & REEL VIEW

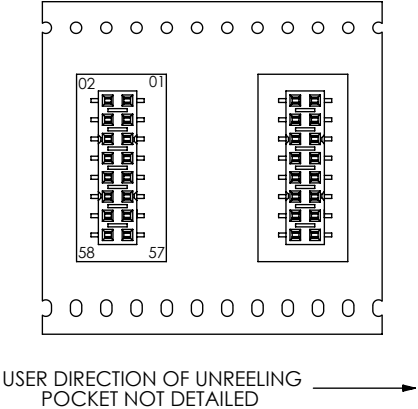


FIGURE 4

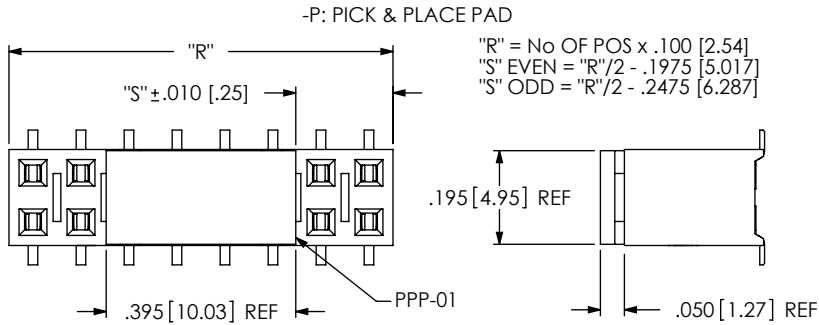


FIGURE 6

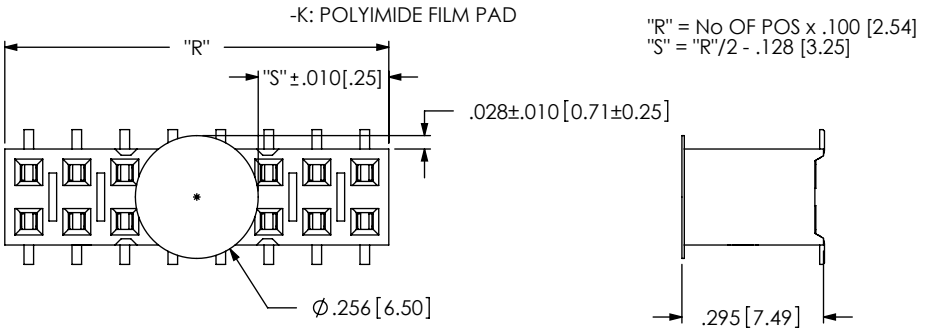


FIGURE 5

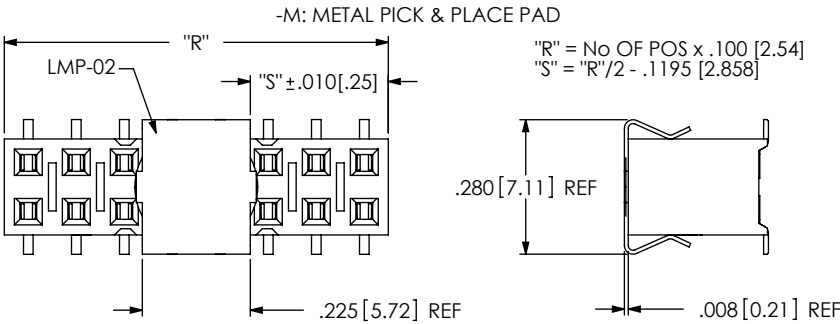
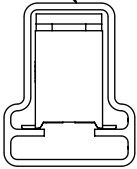


TABLE 1

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	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

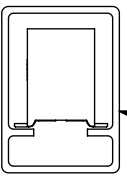
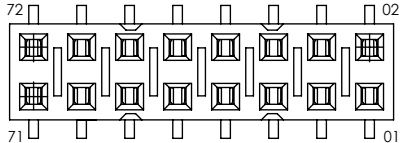


FIGURE 7
POLARIZING POSITIONS



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING
SHEET SCALE: 1:0.4



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