

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

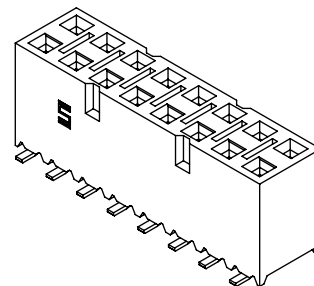
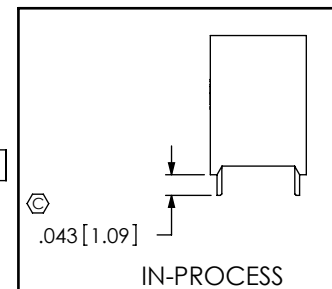
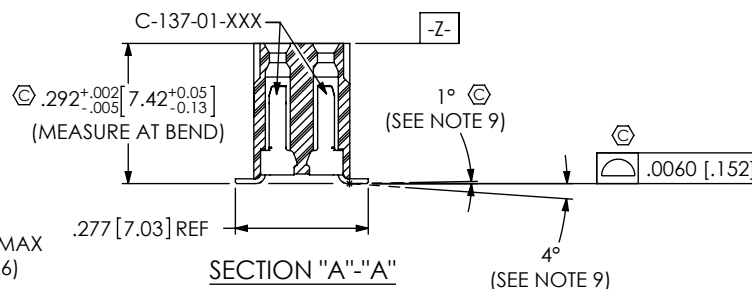
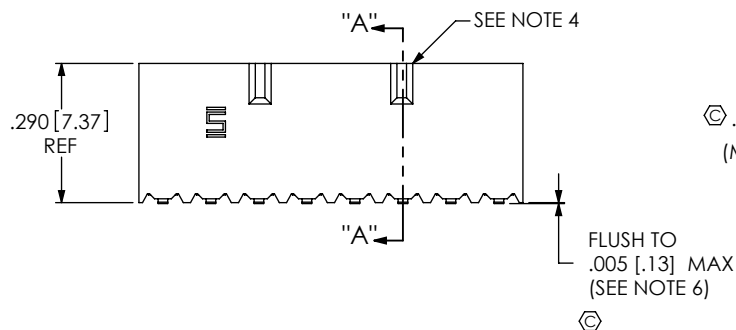
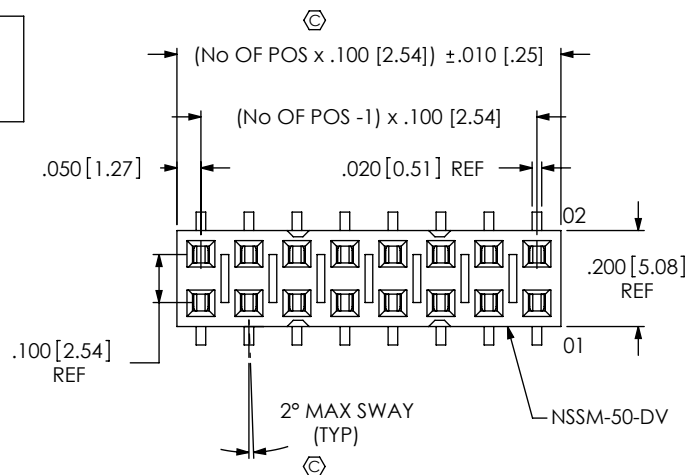
- LC: LOCKING CLIP
(USE LC-05-TM) (SEE FIG 2) (SEE NOTE 8)

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)

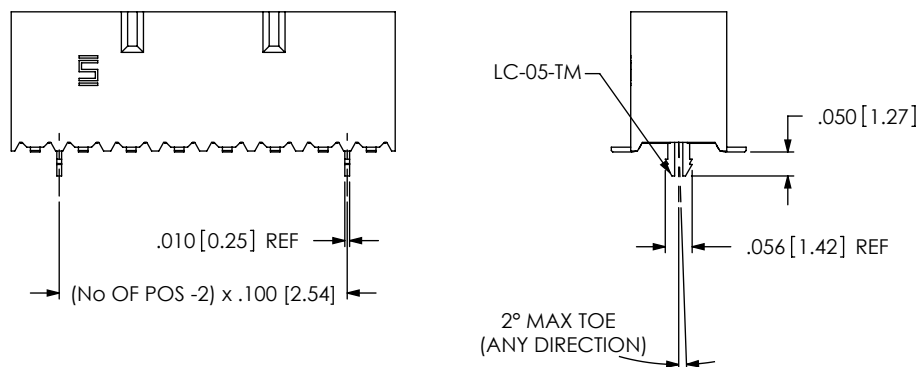


NOTES:

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°

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samtec

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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)

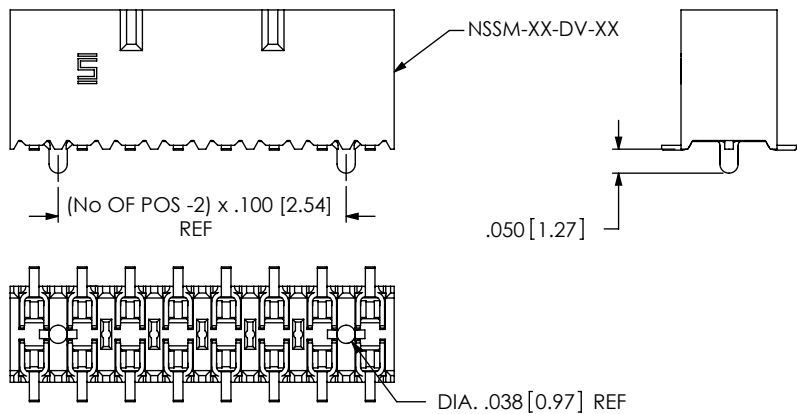


FIGURE 8
TAPE & REEL VIEW

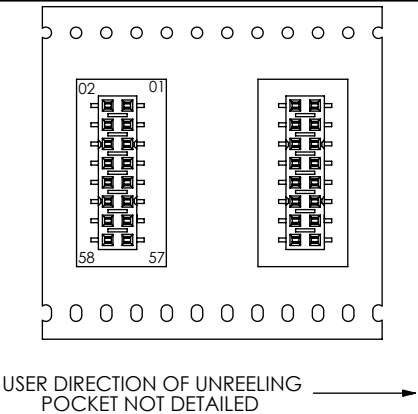


FIGURE 4

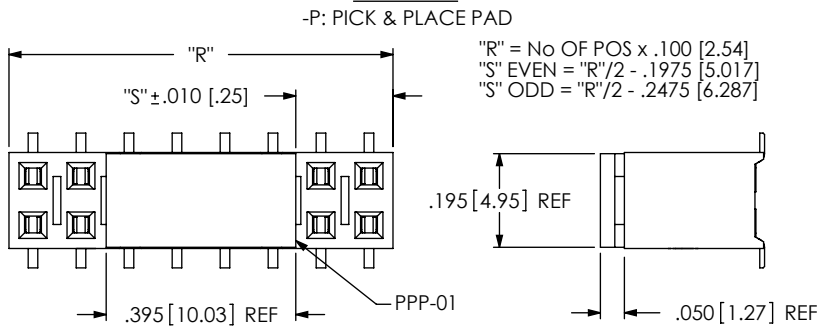


FIGURE 6

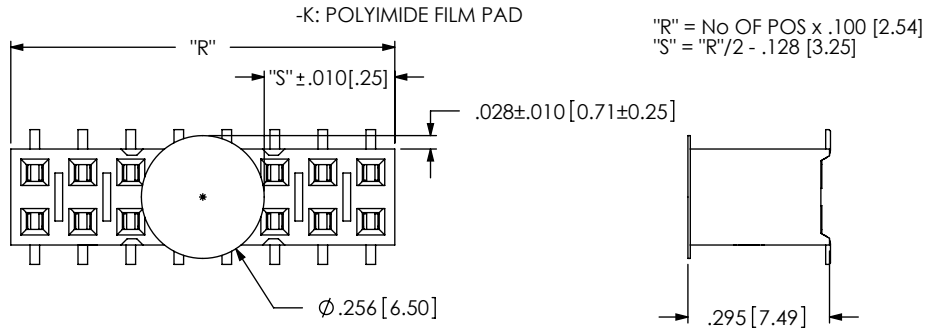


FIGURE 5

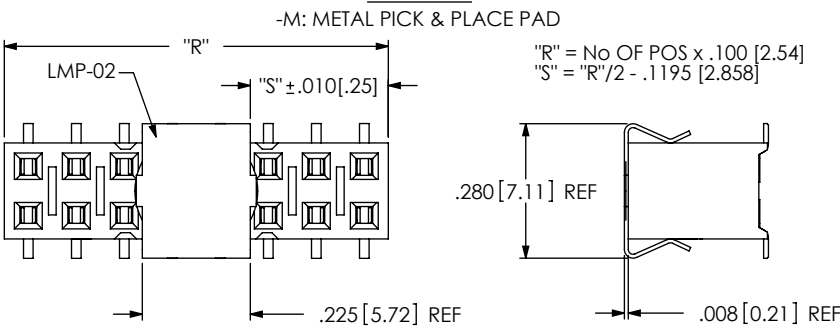
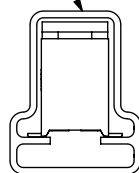


TABLE 1

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

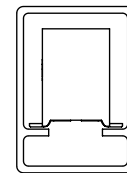
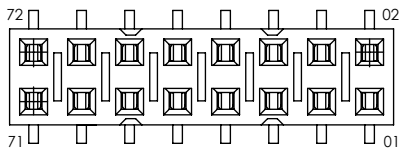


FIGURE 7
POLARIZING POSITIONS



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