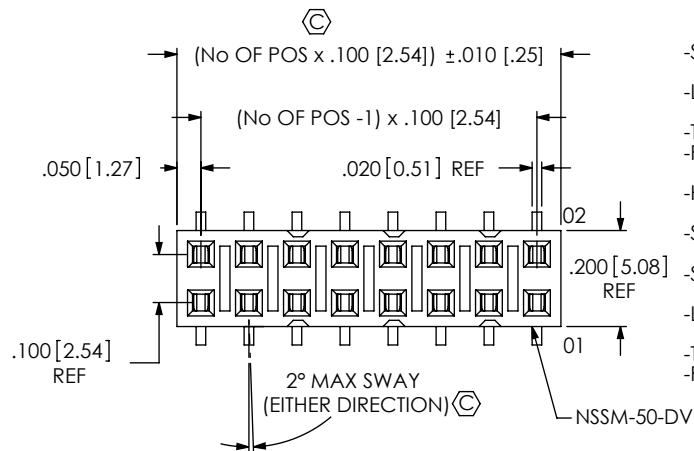


DO NOT  
SCALE FROM  
THIS PRINT



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

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

#### PLATING

#### 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-15-N) (SEE FIG 7, SHT 2)  
(NOT AVAILABLE WITH -BE OPTION)

#### MOUNTING OPTION

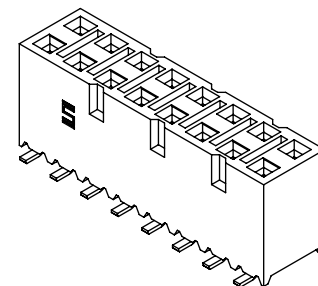
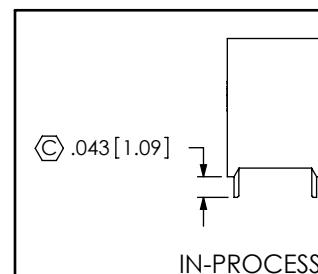
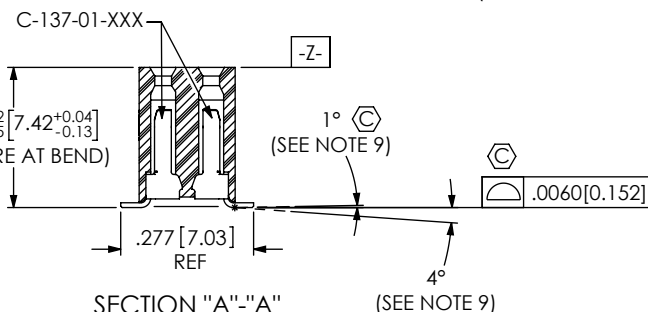
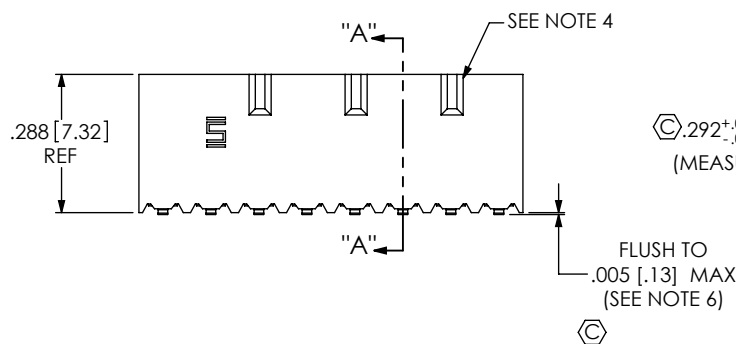
-A: ALIGNMENT PIN (SEE FIG 3, SHT 2)  
(MOLDED: USE NSSM-XX-DV-XX, 4 POS MIN)  
-LC: LOCKING CLIP  
(USE LC-05-TM) (SEE FIG 2) (SEE NOTE 8)

#### OPTION

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

#### ROW SPECIFICATION

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

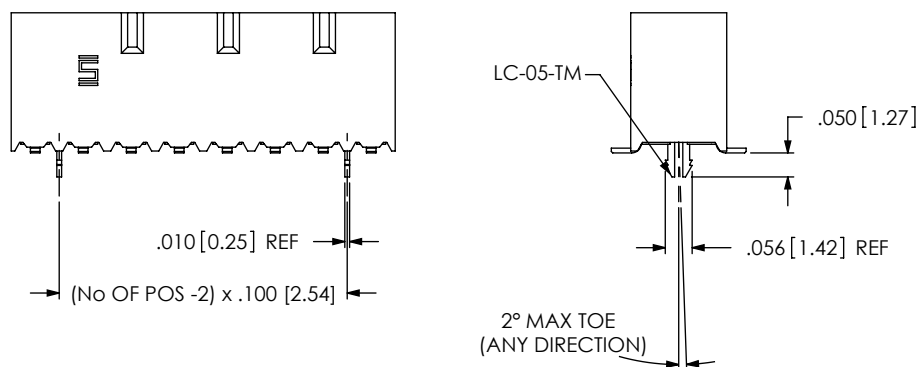


#### NOTES:

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 [0.3]  
.XXX: ±.005 [0.13]  
.XXXX: ±.0020 [0.051]

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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

BODY: LCP UL 94 VO, COLOR: BLACK  
CONTACT: PHOS BRONZE

SHEET SCALE: 1:0.4

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)

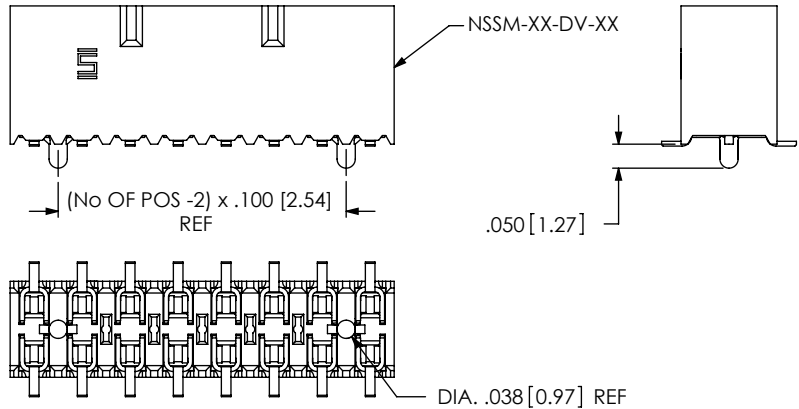


FIGURE 8  
TAPE & REEL VIEW

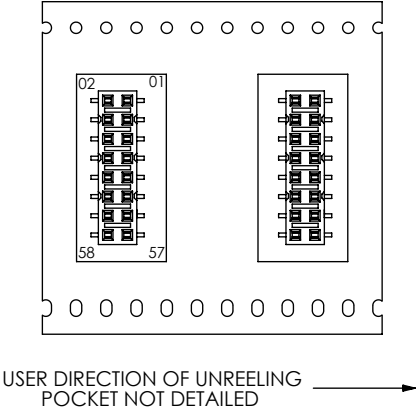


FIGURE 4

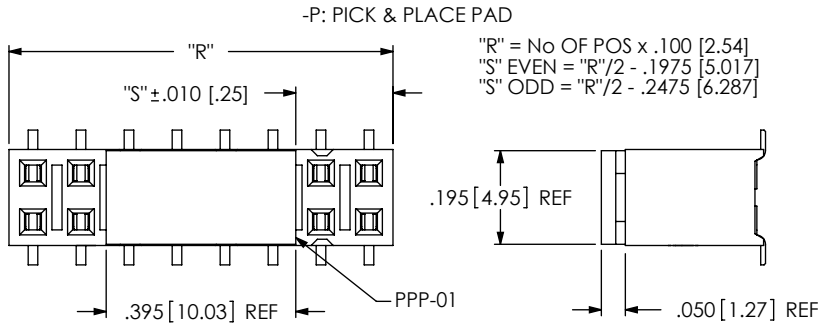


FIGURE 6

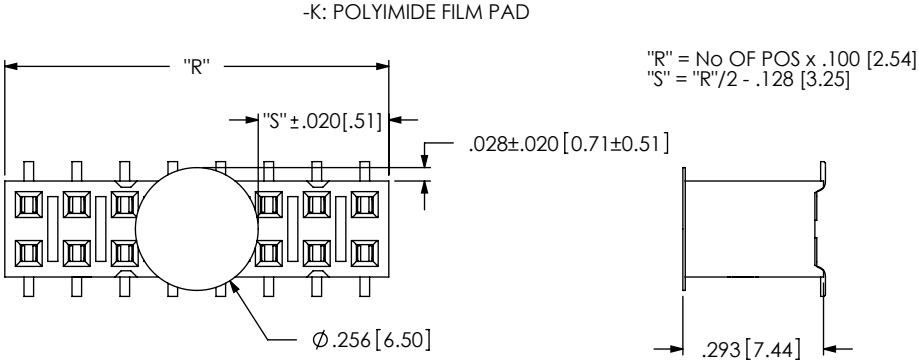


FIGURE 5

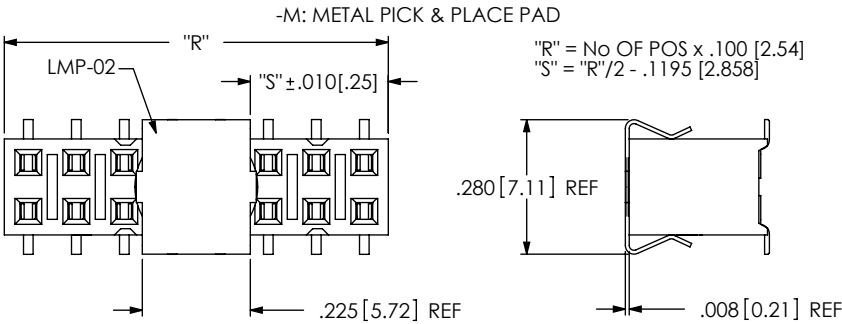
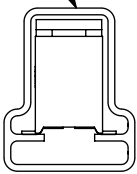


TABLE 1

| 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<br>PT-1-24-03-15 | TP-07<br>TP-03 | 02 THRU 40<br>02 THRU 40 |

PT-1-24-03-15



PT-1-24-01-103

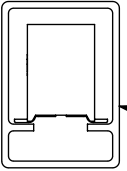
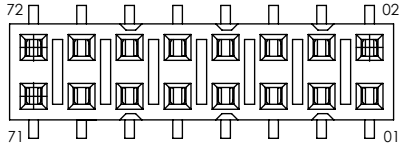


FIGURE 7  
POLARIZING POSITIONS



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DWG. NO.  
SSM-1XX-XXX-DV-XX-XX-XXX-XX  
BY: KEVIN B 3/8/2000 SHEET 2 OF 2

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