



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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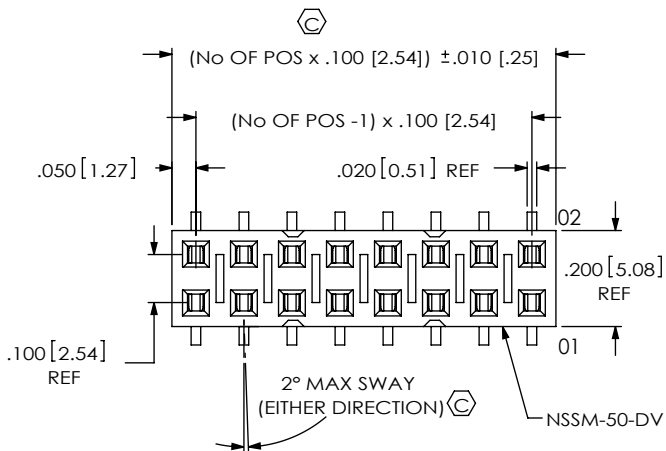
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DO NOT SCALE FROM THIS PRINT

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)

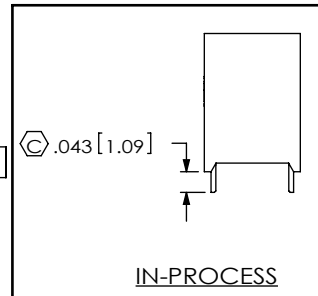
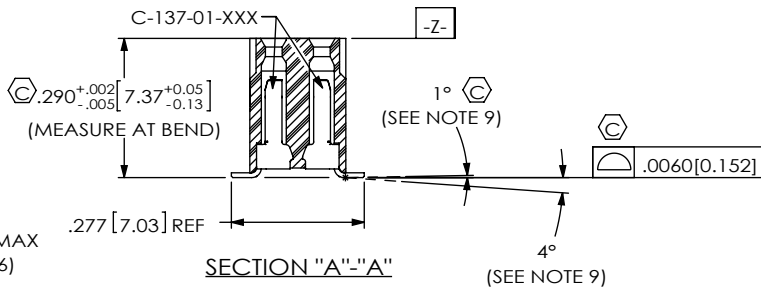
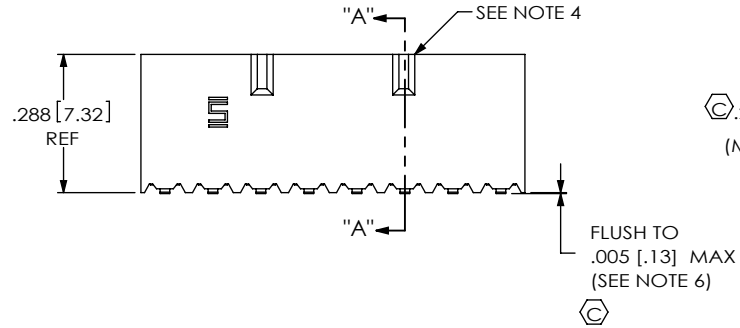
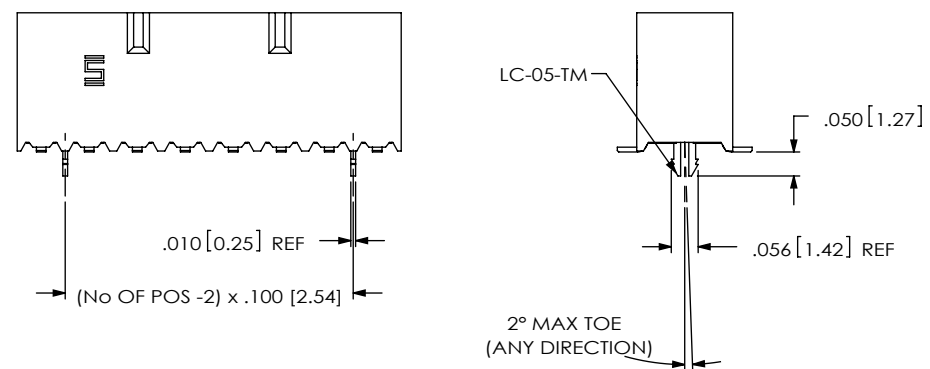


FIGURE 2  
 -LC: LOCKING CLIP OPTION



- NOTES:  
 1. Ⓢ REPRESENTS A CRITICAL DIMENSION.  
 2. MINIMUM PULLOUT FORCE: .50 LBS  
 3. MAXIMUM CUT FLASH: .010 [.25]  
 4. CUT PARTS MAY OR MAY NOT HAVE NOTCHES  
 5. -P OPTION: 4 POSITION AND UNDER TO BE -T/R  
 -M OPTION: 3 POSITION AND UNDER TO BE -T/R  
 -K OPTION: 3 POSITION AND UNDER TO BE -T/R  
 ALL OTHER POSITIONS WITH -P, -M, -K OPTIONS ARE TO BE TUBED, UNLESS -TR ORDERED BY CUSTOMER.  
 6. FLUSH DIMENSION MUST BE INSPECTED ON BOTH ROWS OF ASSEMBLY.  
 7. -40 MAX POSITION AVAILABLE, -50 FOR STOCK ONLY  
 8. 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.  
 9. 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]  
 .XXX: ±.005 [0.13]  
 .XXXX: ±.0020 [0.051]

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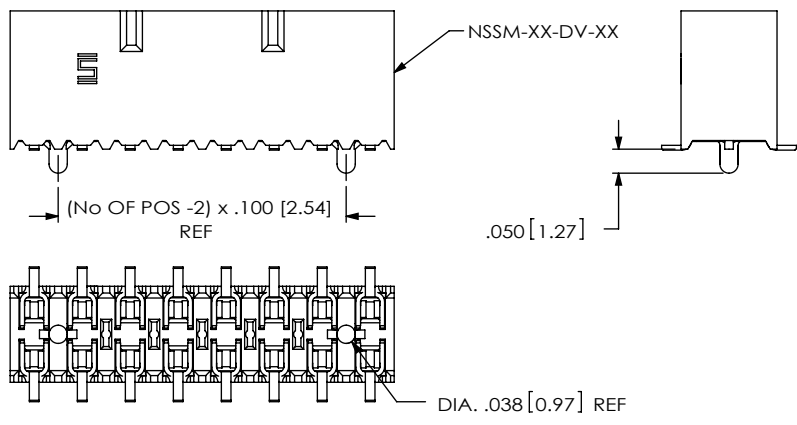
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

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

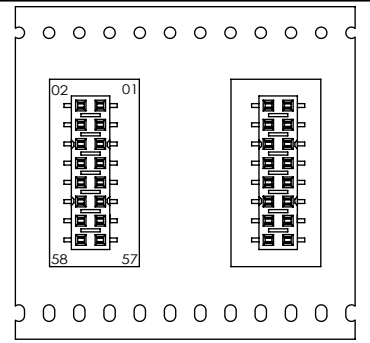
DWG. NO.  
**SSM-1XX-XXX-DV-XX-XX-XXX-XX**

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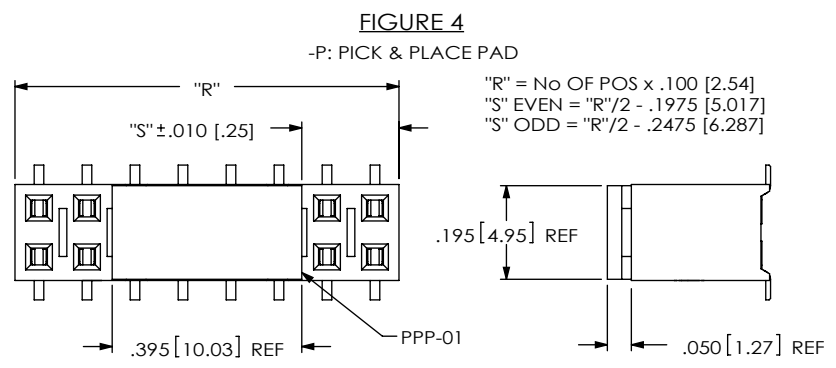


**FIGURE 3**  
-A: ALIGNMENT PIN  
MOLDED (4 POSITION MIN)

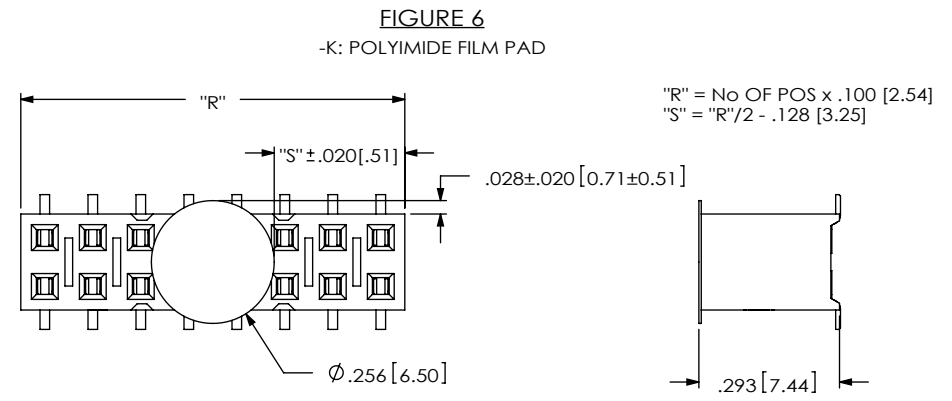
**FIGURE 8**  
TAPE & REEL VIEW



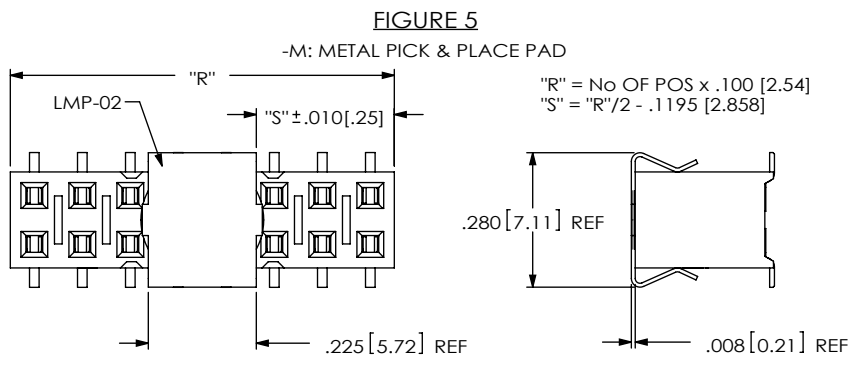
USER DIRECTION OF UNREELING  
POCKET NOT DETAILED



**FIGURE 4**  
-P: PICK & PLACE PAD



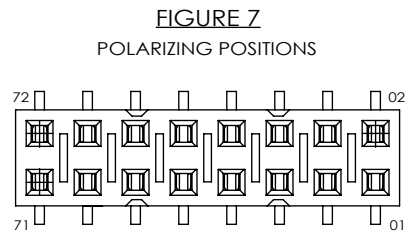
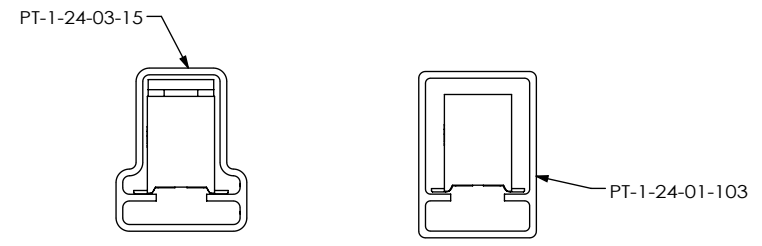
**FIGURE 6**  
-K: POLYIMIDE FILM PAD



**FIGURE 5**  
-M: METAL PICK & PLACE PAD

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

**TABLE 1**



**FIGURE 7**  
POLARIZING POSITIONS

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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 2 OF 2