

NOTES: DO NOT
SCALE FROM
THIS PRINT

- ① REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: 1LB.
- COPLANARITY TO BE:
 - DH: -36 THRU -28 POS: .008[0.20]
 - 02 THRU -27 POS: .006[0.15]
 - SV, SH: .006[0.15]
- PACKAGE IN TUBES PER SHT 2, TABLE 2. ALL OTHER POSITIONS BULK PACKAGE.
- MAXIMUM CUT FLASH: .015[0.38].
- NOTCH OF PPP-12 TO BE ORIENTED TOWARD SAME END AS POSITION 1.
- ROWS TO BE WITHIN .004[0.10] OF ONE ANOTHER.
- 36 MAX POSITION AVAILABLE, -50 FOR STOCK ONLY.
- ENDWALL AFTER CUTTING: .033[0.84]±.005[0.13]
- 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.
- FOR -SV TAIL STYLE: EVEN CUTS LOSE 2 POSITIONS PER CUT; ODD CUTS LOSE 1 POSITION PER CUT.
- IF POLARIZATION OCCURS AT CENTER POSITION(S) OF BODY, MOVE PICK & PLACE PAD LEFT OR RIGHT TO NEXT AVAILABLE POSITION.

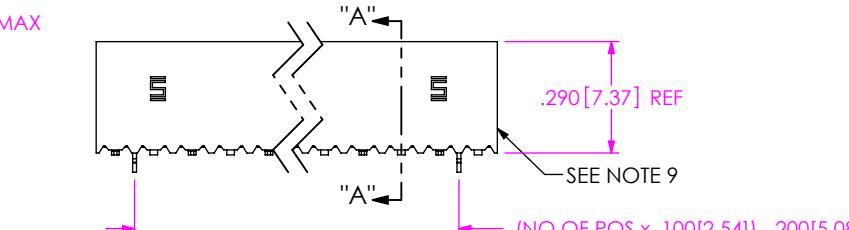
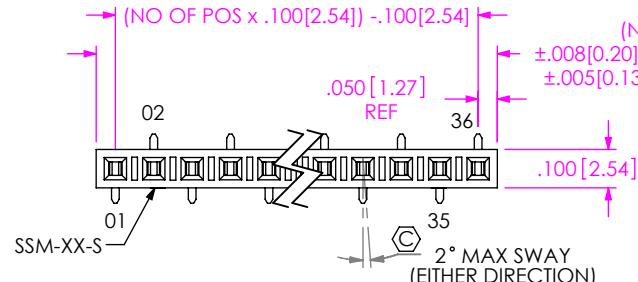


FIG 1
-SV: SINGLE VERTICAL ROW
(SSM-1XX-XXX-SV-LC SHOWN)

CE SSM-1XX-XXX-XX-XX-XX-X-XX-XX

No OF POSITIONS
-02 THRU -36
(SEE NOTE 8)OPTION
-TR: TAPE AND REEL
(SEE FIG 8, SHT 3)
(29 POSITIONS MAX)

PLATING SPECIFICATION

- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- T: MATTE TIN ON CONTACT AND TAIL.
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- STL: 30μ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10) ON TAIL.
- H: 30μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- TM: MATTE TIN ON CONTACT AND TAIL.
- FM: 3μ" SELECTIVE GOLD IN CONTACT

TAIL SPECIFICATION

- SV: SINGLE VERTICAL (SEE FIG 1)
(USE SSM-XX-S)
- SH: SINGLE HORIZONTAL (SEE FIG 3, SHT 2)
(USE SSM-XX-SH)
- DH: DOUBLE HORIZONTAL (SEE FIG 4, SHT 2)
(USE BCH-XX-D)

OPTION

- P: PICK AND PLACE PAD
(ONLY AVAILABLE ON -SV,
USE PPP-12, SEE FIG 6, SHT 2)
(SEE NOTE 12)
- K: POLYIMIDE FILM PAD
(SEE FIG 5, SHT 2)
(USE K-500-S00)
(NOT AVAILABLE ON -SH AND -DH)

POLARIZATION OPTION

- XX: POSITION TO BE POLARIZED
(USE PK-06-N, SEE FIG 7, SHT 2
FOR POLARIZATION POSITIONS)
(NOT AVAILABLE FOR -BE OPTION)

MOUNTING OPTION

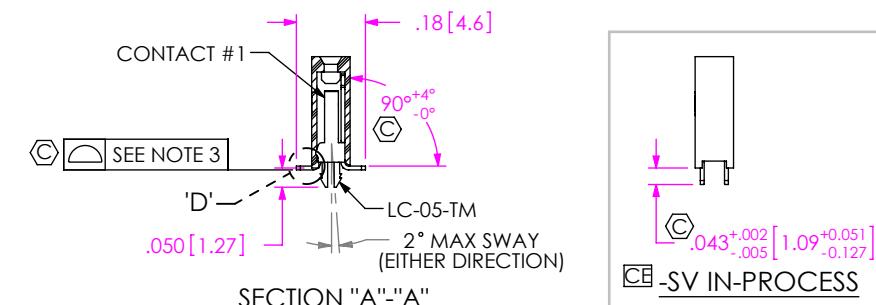
- LC: LOCKING CLIP
(USE LC-05-TM, SEE NOTE 10)
(FOR -SH AND -DH USE MOLDED TO POSITION BODIES)

OPTION

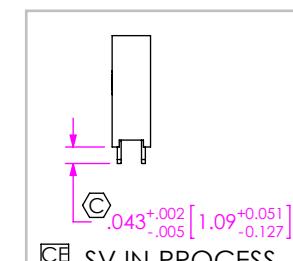
- BE: BOTTOM ENTRY
(ONLY AVAILABLE ON -SV)
(USE SSM-XX-S-BE)
(SEE FIG 2, SHT 2)

TABLE 1

BODY/LEAD STYLE	CONTACT #1	CONTACT #2
-SV	C-95-02-X	N/A
-SH	C-58-06-X	N/A
-DH	C-58-08-X	C-58-07-X



SECTION "A"-A"



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3] 2°
.XXX: ±.005 [0.13] 0°
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOS BRONZE

SHEET SCALE: 2:1

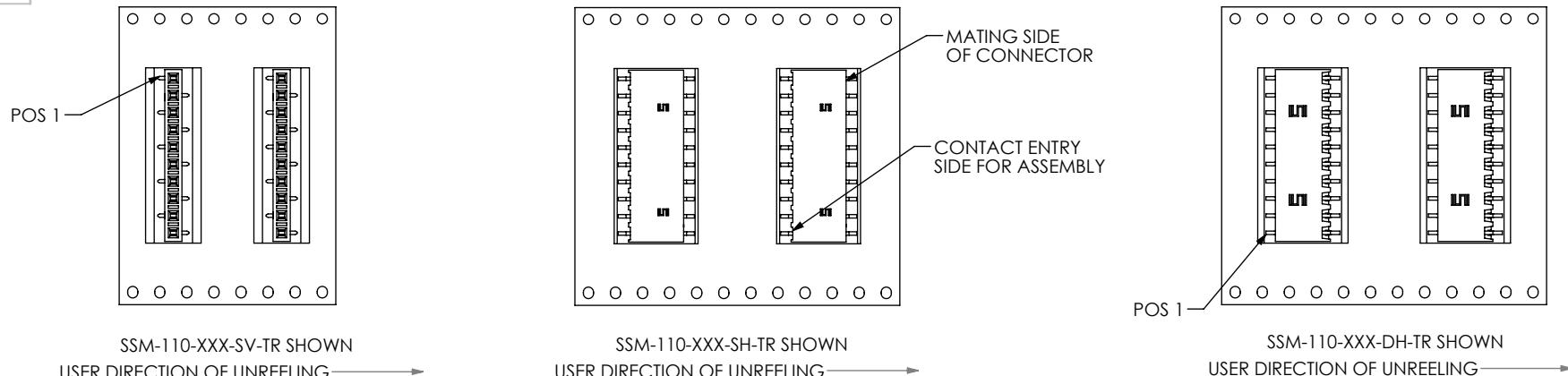
F:\DWG\MISC\MKTG\SSM-1XX-XXX-XX-XX-X-XX-XX-MKT.SLDDRW

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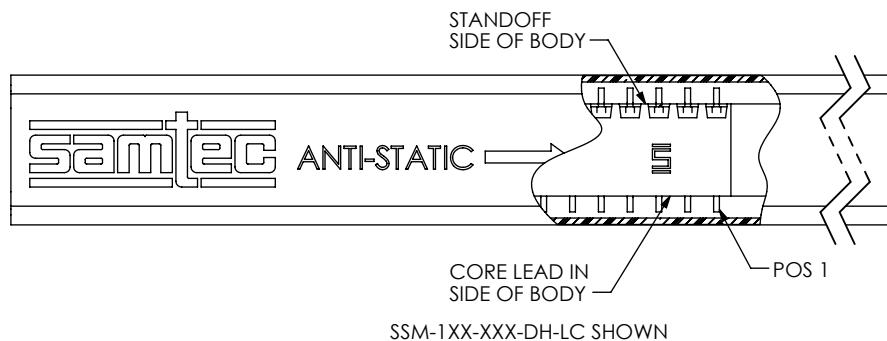
DESCRIPTION: .100[2.54] C.L. SURFACE MOUNT SOCKET STRIP

DWG. NO. SSM-1XX-XXX-XX-XX-X-XX-XX

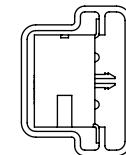
BY: KOLB 09/11/1998 SHEET 1 OF 3



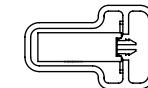
CE
FIG 8
-TR: TAPE AND REEL
SCALE 1:1



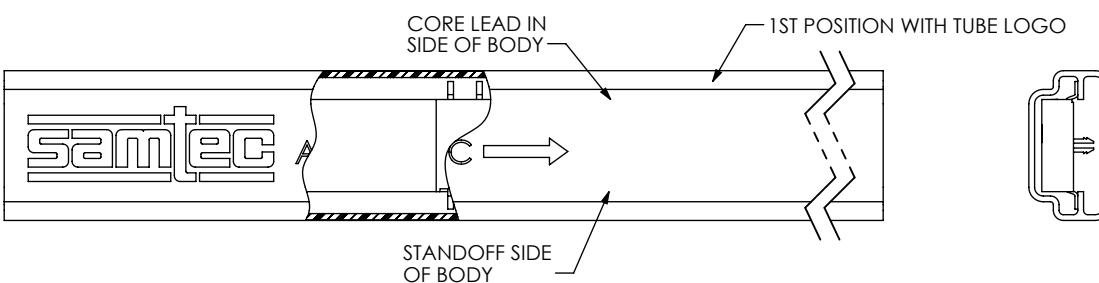
SSM-1 XX-XXX-DH-LC SHOWN



SSM-1XX-XXX-SV-LC-P SHOWN
(SSM-1XX-XXX-SV-LC-K SIMILAR)



SSM-1XX-XXX-SV-LC SHOWN



SSM-1XX-XXX-SH-LC SHOWN

CE FIG 9
TUBE VIEWS

TABLE 2			
PART NUMBER	TUBE	PLUG	POS TO BE TUBED (SEE NOTE 4)
SSM-SV	PT-1-24-05-15	TP-24 (2)	03-36
SSM-SV-LC			03-36
SSM-SV-P	PT-1-24-02-15	TP-03 (2)	04-36
SSM-SV-K			03-36
SSM-SH	PT-1-24-07-15	TP-03 (2)	02-36
SSM-DH	PT-1-24-06-15	TP-07 (2)	02-36

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SHEET SCALE: 3:1

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.100[2]

33/M-1 A&A-AAA-AAA-AAA-AAA-AAA-AAA-AAA-AAA

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