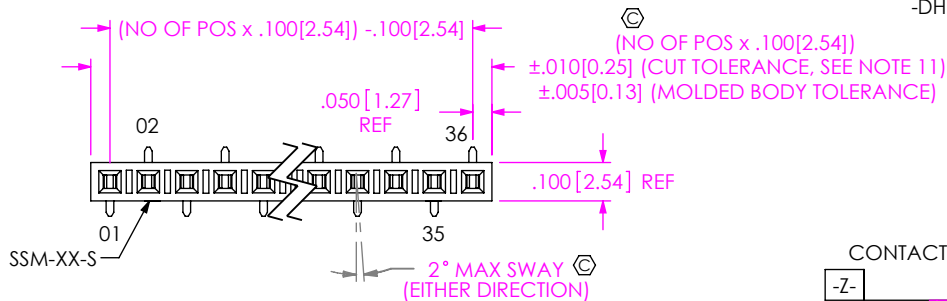
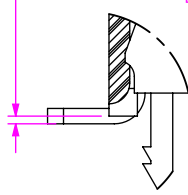
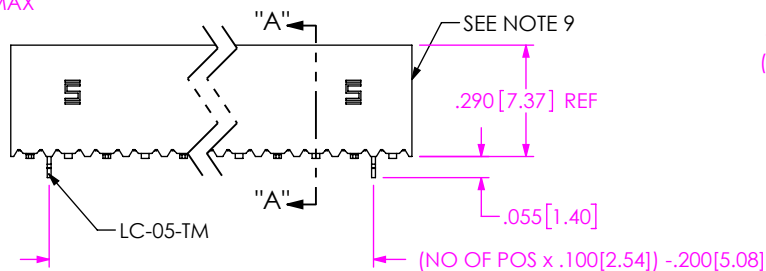


DO NOT
SCALE FROM
THIS PRINT

1. $\textcircled{C}$ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .50 LBS.
3. COPLANARITY TO BE:
-DH: -36 THRU -28 POS: .008[0.20]
-02 THRU -27 POS: .006[0.15]
-SV, -SH: -02 THRU 36 POS: .006 (FULL STRIP STOCK: .008).
4. PACKAGE IN TUBES PER SHT 4, TABLE 2. ALL OTHER POSITIONS BULK PACKAGE.
5. MAXIMUM CUT FLASH: .015[0.38].
6. NOTCH OF PPP-12 TO BE ORIENTED TOWARD SAME END AS POSITION 1.
7. ROWS TO BE WITHIN .004[0.10] OF ONE ANOTHER.
8. -36 MAX POSITION AVAILABLE, -50 FOR STOCK ONLY.
9. TAIL SIDE ENDWALL AFTER CUTTING: .019[0.48] $\pm$.005[0.13]
10. 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.
11. FOR -SV TAIL STYLE: EVEN CUTS LOSE 2 POSITIONS PER CUT; ODD CUTS LOSE 1 POSITION PER CUT.
12. IF POLARIZATION OCCURS AT CENTER POSITION(S) OF BODY, MOVE PICK & PLACE PAD LEFT OR RIGHT TO NEXT AVAILABLE POSITION.
13. THIS DIMENSION IS TO BE MEASURED RELATIVE TO DATUM -Z-.
14. CHAMFERED END WALL MAY OR MAY NOT BE ON CUT TO POSITION PARTS.
15. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
16. ATTACH LABEL TO EACH REEL.
17. VOIDS MAY OR MAY NOT BE PRESENT ON PARTS AND CAN BE MIXED WITHIN AN ORDER.



FLUSH TO .005[0.13] MAX

DETAIL 'D'
SCALE 8:1FIG 1
-SV: SINGLE VERTICAL ROW
(SSM-1XX-XXX-SV-LC SHOWN)

No OF POSITIONS

-02 THRU -36
(SEE NOTE 8)

PLATING SPECIFICATION

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

OPTION

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

PACKAGING

- BLANK: TUBES (SEE NOTES 4 & 15)
- TR: TAPE AND REEL
(SEE NOTES 15 & 16)
- FR: FULL REEL QTY. TAPE & REEL
(SEE NOTES 15 & 16)
- (-XR AVAILABLE FOR 29 POS MAX)

OPTION

- P: PICK AND PLACE PAD
(ONLY AVAILABLE ON -SV,
USE PPP-12, SEE FIG 6, SHT 3)
(SEE NOTE 12)
- K: POLYIMIDE FILM PAD
(SEE FIG 5, SHT 2)
(USE K-DOT-.138-.250-.005)
(NOT AVAILABLE ON -SH AND -DH)

POLARIZATION OPTION

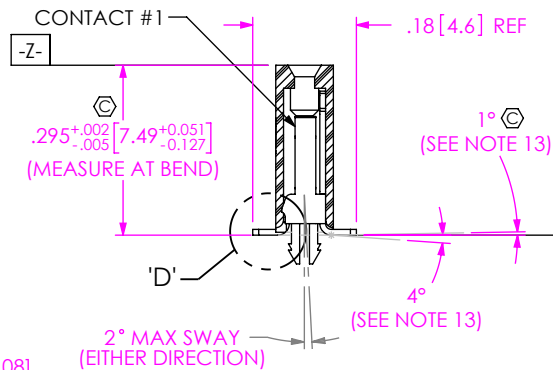
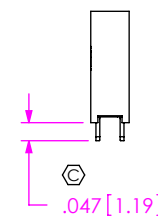
- XX: POSITION TO BE POLARIZED
(USE PK-06-N, SEE FIG 7, SHT 3
FOR POLARIZATION POSITIONS)
(NOT AVAILABLE FOR -BE OPTION)

MOUNTING OPTION

- LC: LOCKING CLIP
(USE LC-05-TM, SEE NOTE 10)
(FOR -SH AND -DH USE MOLDED TO
POSITION BODIES)
(-02 POS NOT AVAILABLE FOR
-DH OPTION)

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"
SCALE 3:1

-SV IN-PROCESS

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
 .XX: $\pm$.01 [0.3]
 .XXX: $\pm$.005 [0.13]
 .XXXX: $\pm$.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
 INSULATOR: LCP, UL 94 VO, COLOR: BLACK
 CONTACT: PHOS BRONZE

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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

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

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

BY: KOLB 09/11/1998 SHEET 1 OF 4

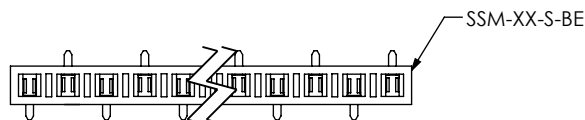


FIG 2
-SV-BE: SINGLE VERTICAL ROW BOTTOM ENTRY
(SSM-1XX-XXX-SV-BE SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

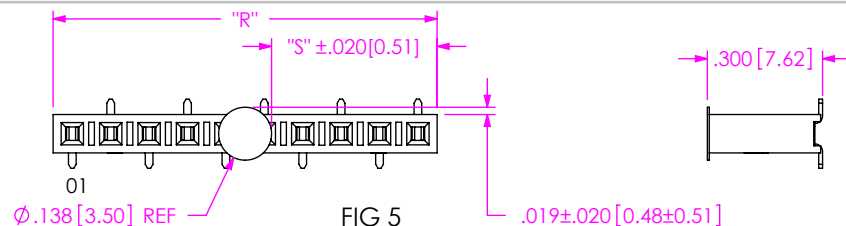
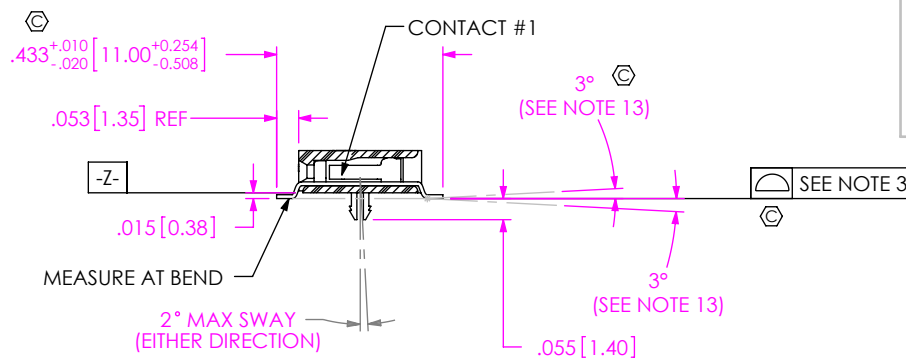
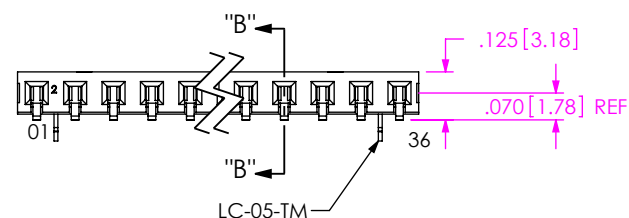
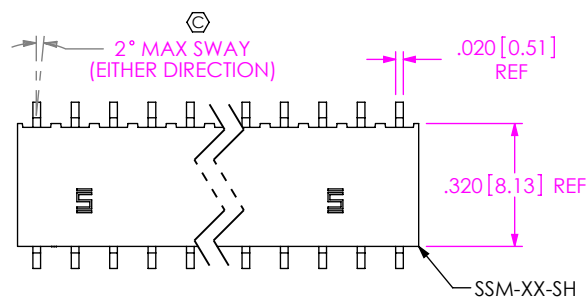
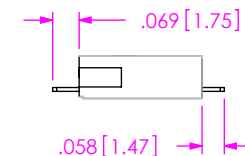
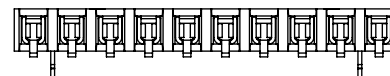
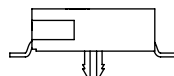


FIG 5
-K: KAPTON PAD
(SSM-110-XXX-SV-K SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
"R" = SEE FIG 1, SHEET 1 FOR OAL
"S" = "R"/2 - .0689[1.750]



SECTION "B"-"B"



-SH IN-PROCESS

FIG 3
-SH: SINGLE HORIZONTAL
(SSM-136-XXX-SH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 2:1

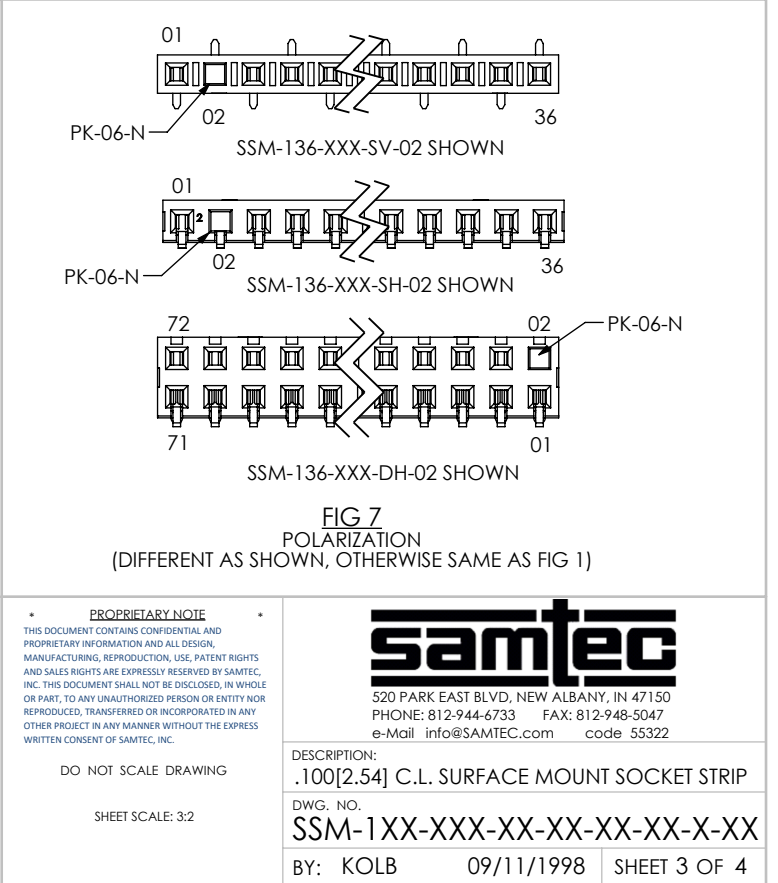
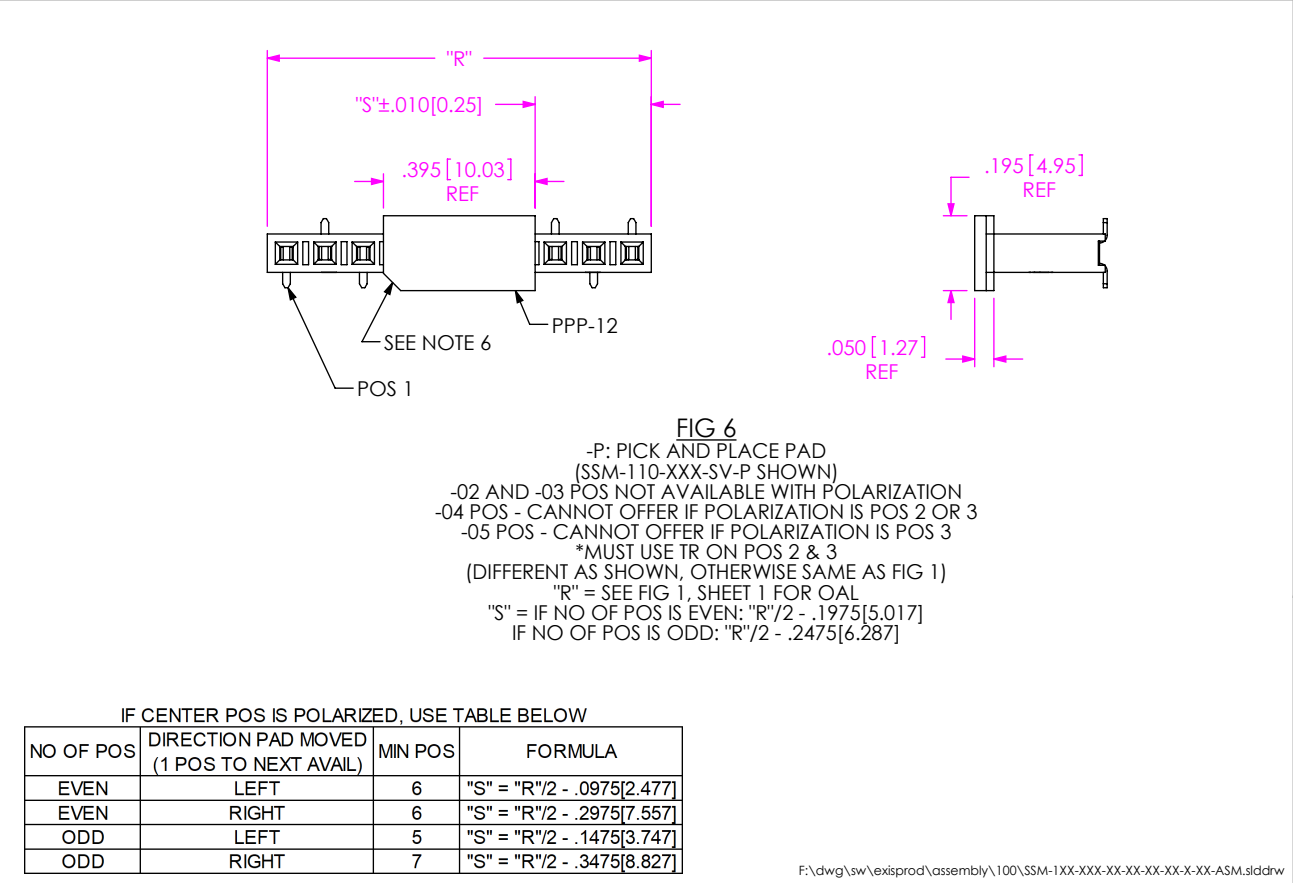
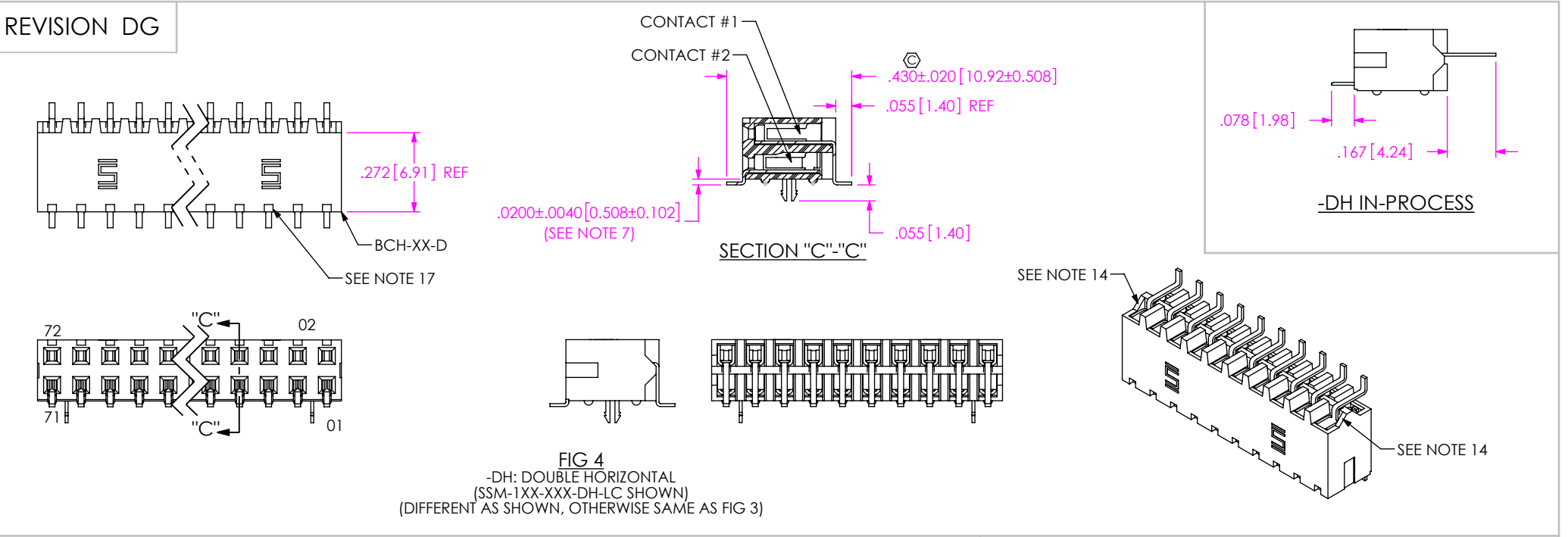
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DESCRIPTION:
.100[2.54] C.L. SURFACE MOUNT SOCKET STRIP

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

BY: KOLB	09/11/1998	SHEET 2 OF 4
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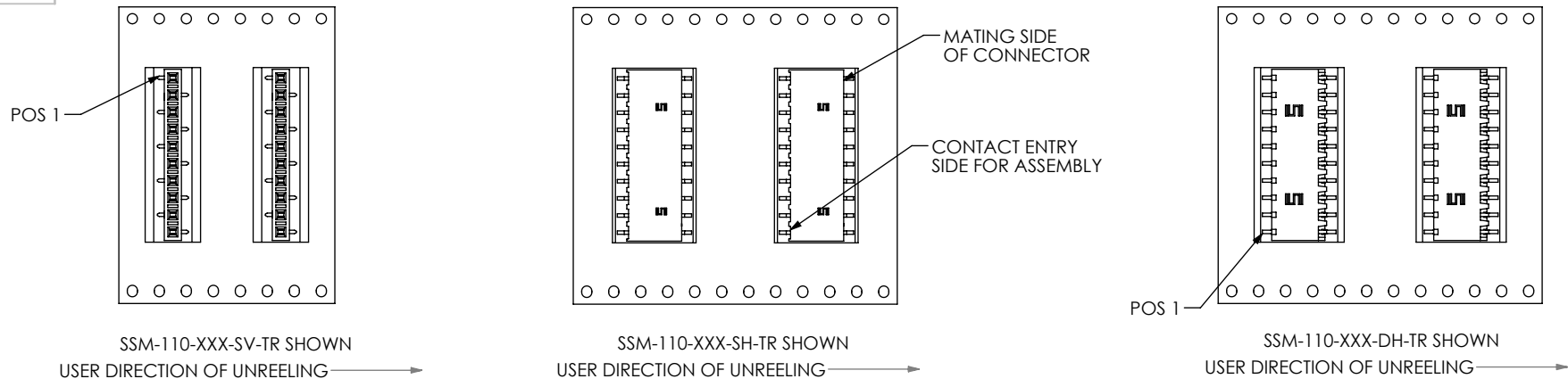


FIG 8
-TR: TAPE AND REEL
SCALE 1:1

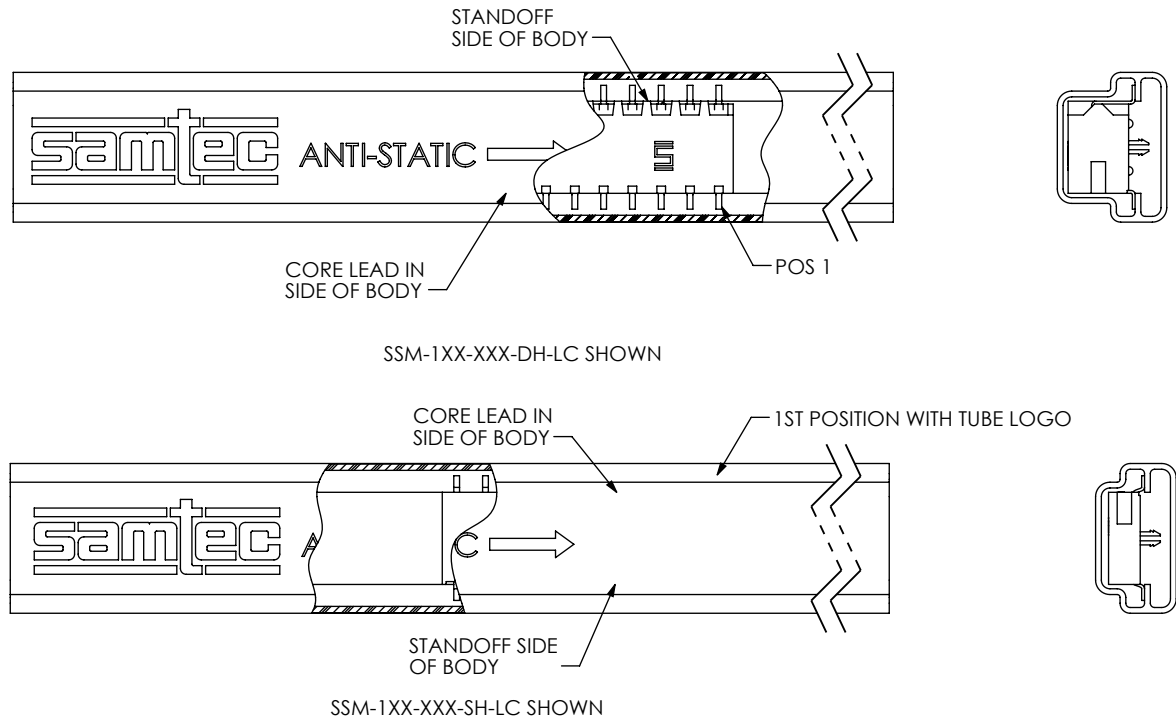


FIG 9
TUBE VIEWS

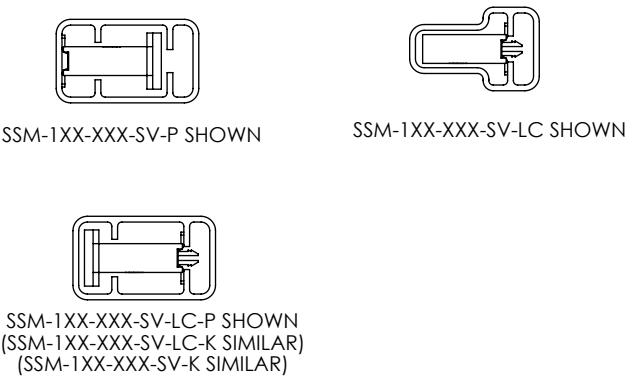


TABLE 2			
PART NUMBER	TUBE	PLUG	POS TO BE TUBED (SEE NOTE 4)
SSM-SV	PT-1-24-05-15	TP-24 (2)	03-36
SSM-SV-LC			02-36
SSM-SV-P			04-36
SSM-SV-K	PT-1-24-02-15	TP-03 (2)	03-36
SSM-SV-LC-P			04-36
SSM-SH	PT-1-24-07-15	TP-03 (2)	02-36
SSM-DH	PT-1-24-06-15	TP-07 (2)	02-36

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