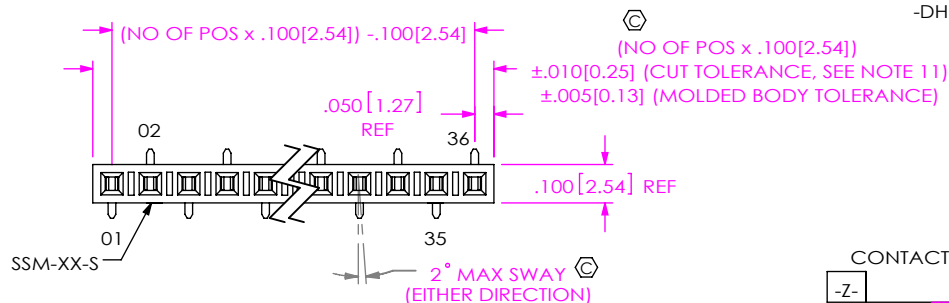


DO NOT
SCALE FROM
THIS PRINT

1. Ⓢ 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]±.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.



FLUSH TO .005[0.13] MAX

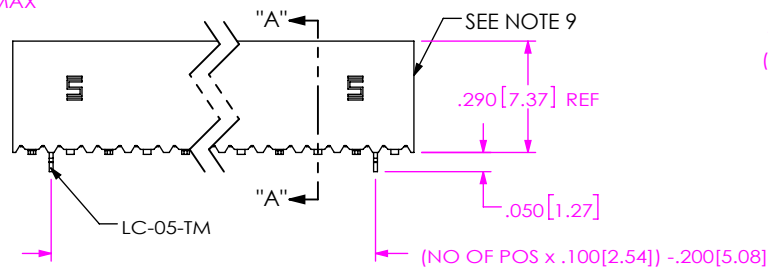
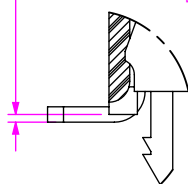


FIG. 1
-SV: SINGLE VERTICAL ROW
(SSM-1XX-XXX-SV-LC SHOWN)

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

NO OF POSITIONS

-02 THRU -36
(SEE NOTE 8)

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 3)
(USE BCH-XX-D)

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

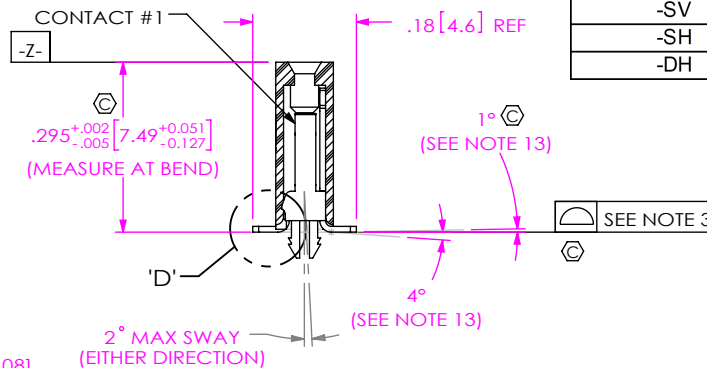
-LC: LOCKING CLIP
(USE LC-05-TM, SEE NOTE 10)
(FOR -SH AND -DH USE MOLDED TO
POSITION BODIES)

OPTION

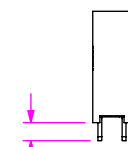
-BE: BOTTOM ENTRY
(ONLY AVAILABLE ON -SV)
(USE SSM-XX-S-BE)
(SEE FIG 2, SHT 2)

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"-"A"
SCALE 3:1



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXX: ±.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

samtec

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

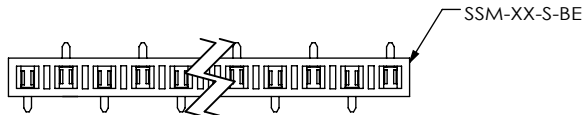


FIG 2
-SV-BE: SINGLE VERTICAL ROW BOTTOM ENTRY
(SSM-1XX-XXX-SV-BE SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

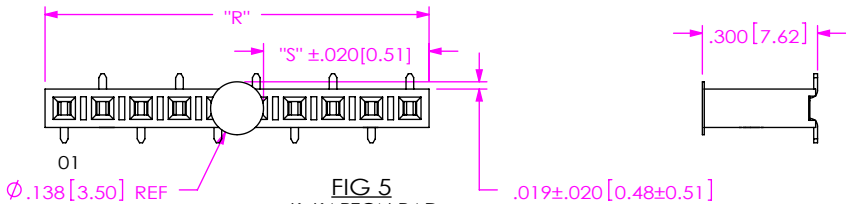


FIG 5
-K: KAPTON PAD
(SSM-110-XXX-SV-K SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
"R" = SEE FIG 1, SHEET 1 FOR OAL
"S" = "R"/2 - .0689 [1.750]

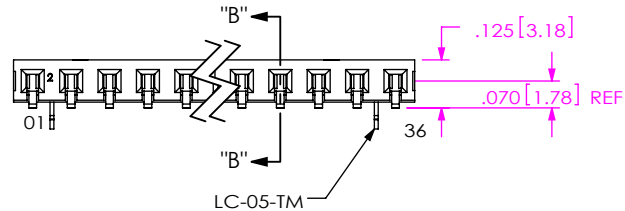
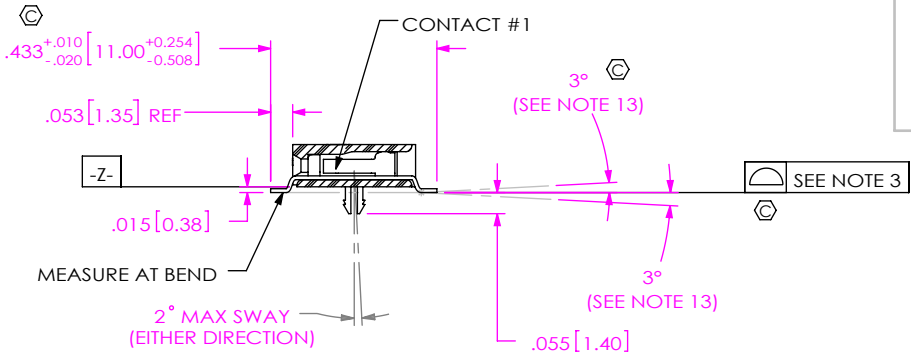
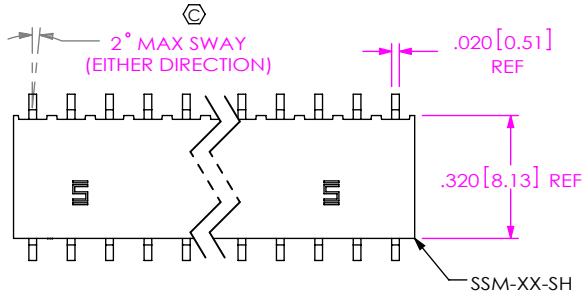
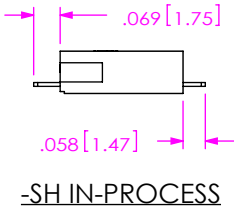


FIG 3
-SH: SINGLE HORIZONTAL
(SSM-136-XXX-SH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



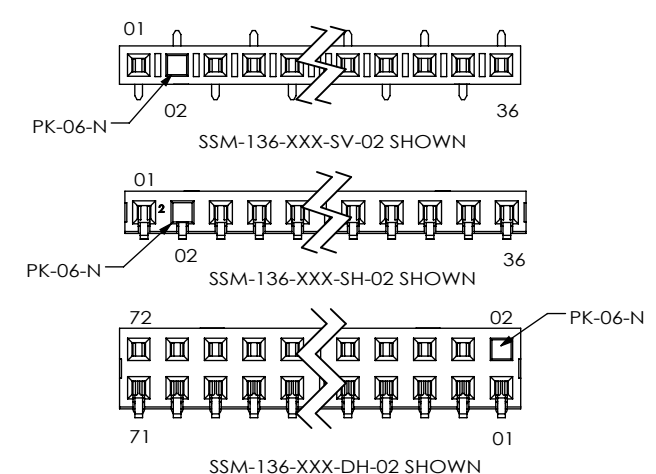
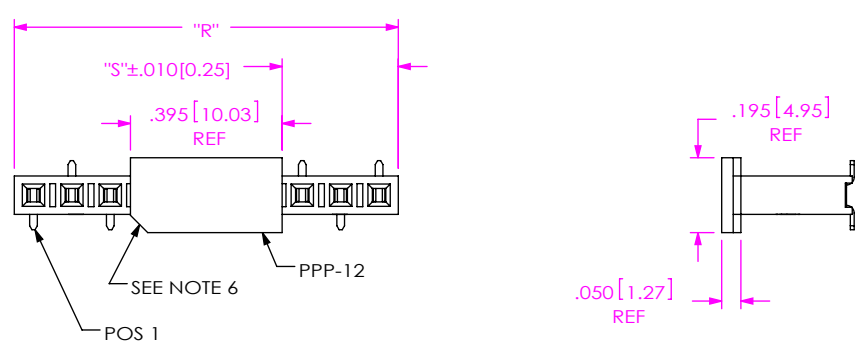
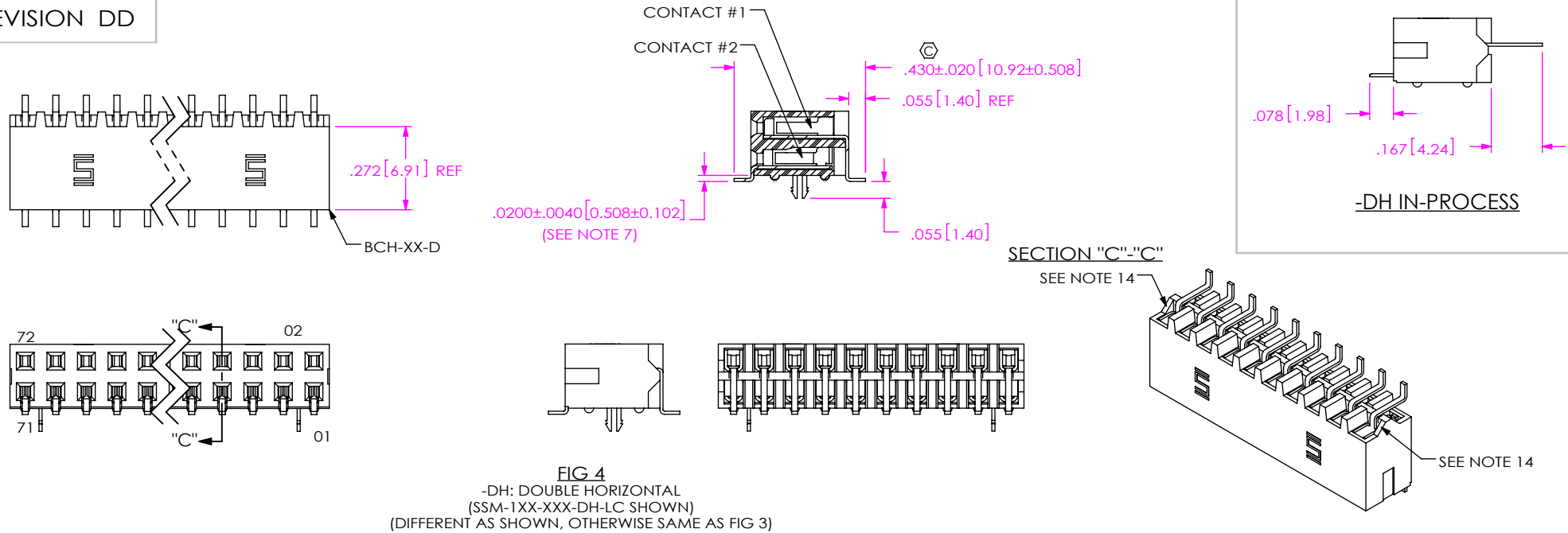
SECTION "B"- "B"

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SHEET SCALE: 2:1



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e-Mail info@SAMTEC.com code 55322

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DWG. NO.
SSM-1XX-XXX-XX-XX-XX-XX-X-XX
BY: KOLB 09/11/1998 SHEET 2 OF 4



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SHEET SCALE: 3:2



IF CENTER POS IS POLARIZED, USE TABLE BELOW

NO OF POS	DIRECTION PAD MOVED (1 POS TO NEXT AVAIL)	MIN POS	FORMULA
EVEN	LEFT	6	"S" = "R"/2 - .0975[2.477]
EVEN	RIGHT	6	"S" = "R"/2 - .2975[7.557]
ODD	LEFT	5	"S" = "R"/2 - .1475[3.747]
ODD	RIGHT	7	"S" = "R"/2 - .3475[8.827]

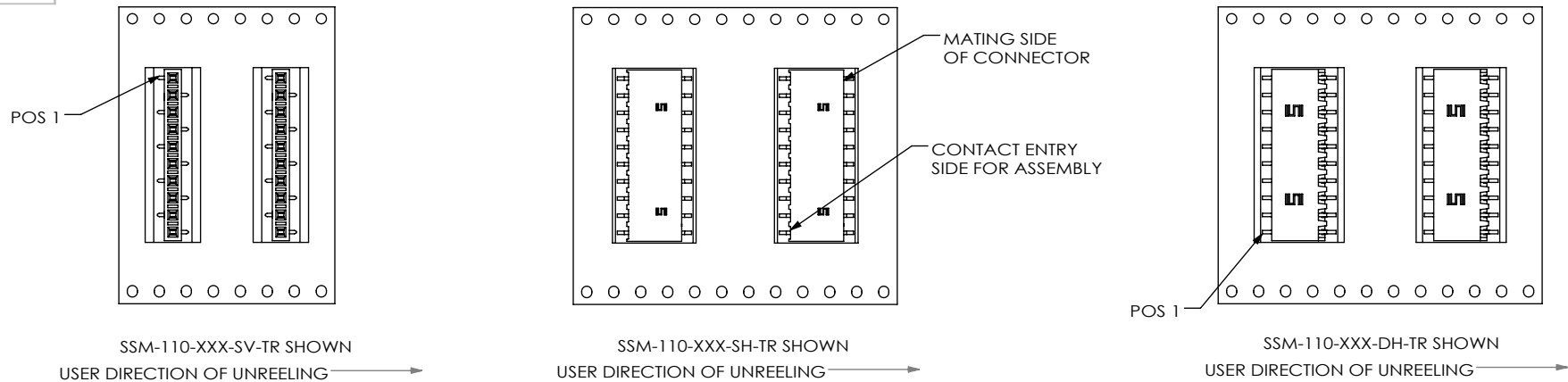


FIG 8
-TR: TAPE AND REEL
SCALE 1:1

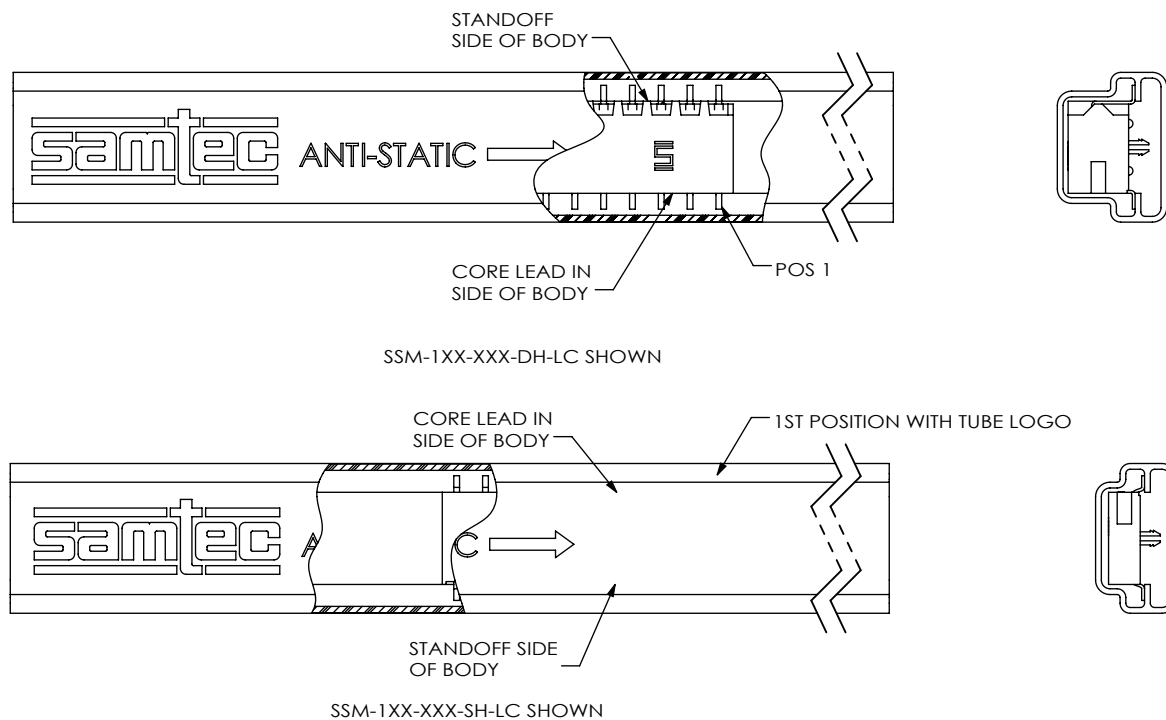


FIG 9
TUBE VIEWS

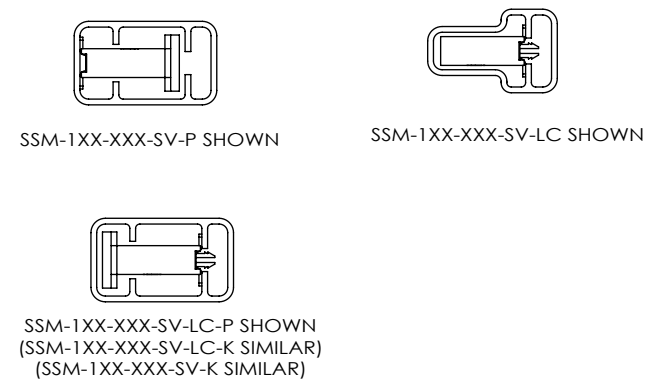


TABLE 2			
PART NUMBER	TUBE	PLUG	POS TO BE TUBED (SEE NOTE 4)
SSM-SV	PT-1-24-05-15	TP-24 (2)	03-36
SSM-SV-LC			02-36
SSM-SV-P			04-36
SSM-SV-K	PT-1-24-02-15	TP-03 (2)	03-36
SSM-SV-LC-P			04-36
SSM-SH	PT-1-24-07-15	TP-03 (2)	02-36
SSM-DH	PT-1-24-06-15	TP-07 (2)	02-36

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