

DO NOT SCALE FROM THIS PRINT

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: .50 LBS.
- 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).
- PACKAGE IN TUBES PER SHT 4, 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.
- TAIL SIDE ENDWALL AFTER CUTTING: .019[0.48]±.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.
- THIS DIMENSION IS TO BE MEASURED RELATIVE TO DATUM -Z-.
- CHAMFERED END WALL MAY OR MAY NOT BE ON CUT TO POSITION PARTS.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

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

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

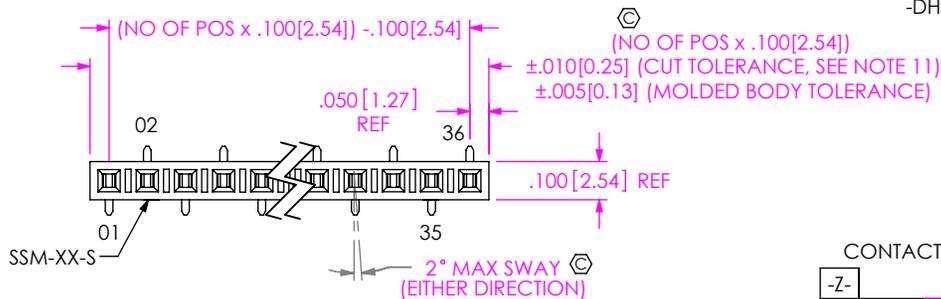
- XX: POSITION TO BE POLARIZED (USE PK-06-N, SEE FIG 7, SHT 3 FOR POLARIZATION POSITIONS) (NOT AVAILABLE FOR -BE OPTION)

MOUNTING OPTION

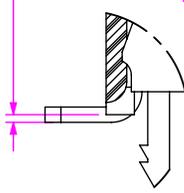
- LC: LOCKING CLIP (USE LC-05-TM, SEE NOTE 10) (FOR -SH AND -DH USE MOLDED TO POSITION BODIES)

OPTION

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



FLUSH TO .005[0.13] MAX



DETAIL 'D'
SCALE 8:1

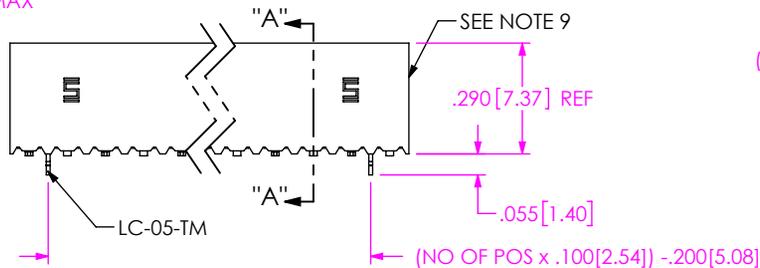
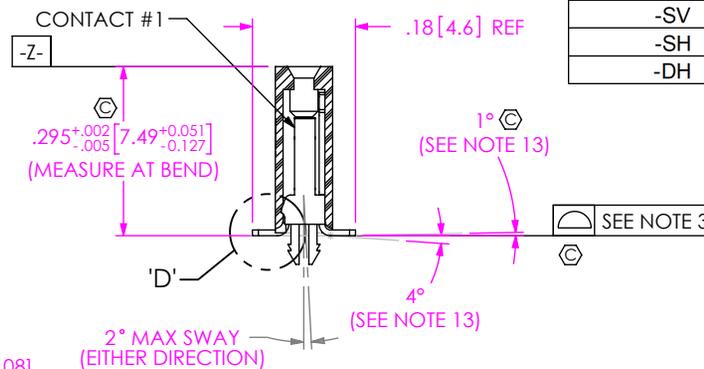
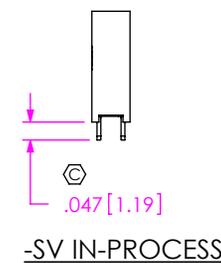


FIG 1
-SV: SINGLE VERTICAL ROW
(SSM-1XX-XXX-SV-LC SHOWN)



SECTION "A"- "A"
SCALE 3:1



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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3] 2°
.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: 2:1
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOS BRONZE

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

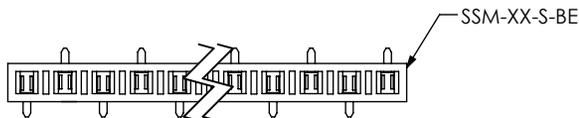


FIG 2
 -SV-BE: SINGLE VERTICAL ROW BOTTOM ENTRY
 (SSM-1XX-XXX-SV-BE SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

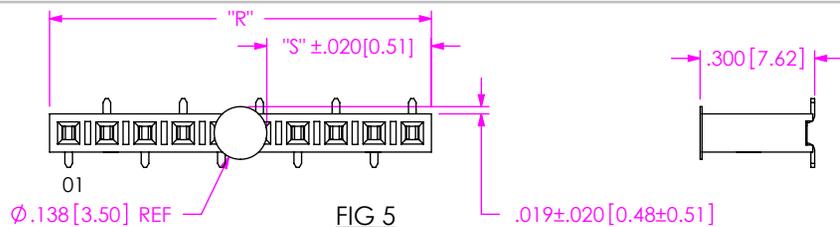
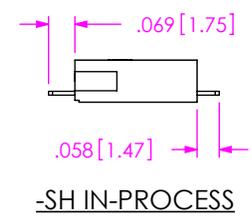
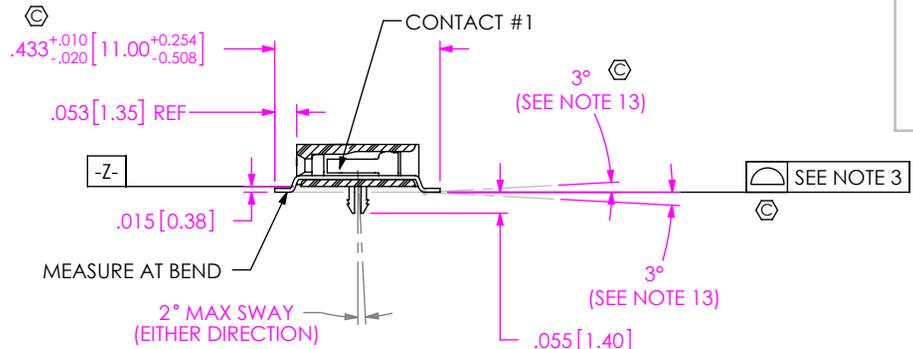
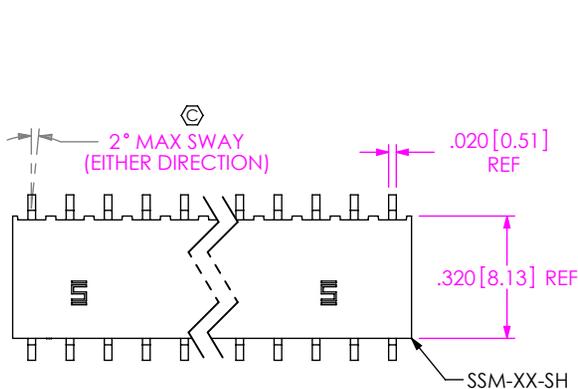


FIG 5
 -K: KAPTON PAD
 (SSM-110-XXX-SV-K SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 "R" = SEE FIG 1, SHEET 1 FOR OAL
 "S" = "R"/2 - .0689 [1.750]



-SH IN-PROCESS

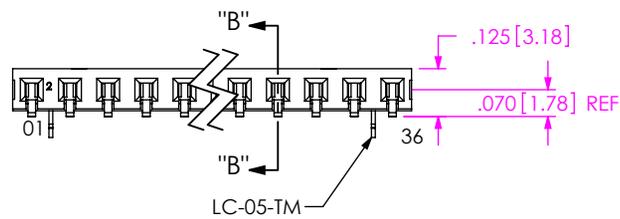


FIG 3
 -SH: SINGLE HORIZONTAL
 (SSM-136-XXX-SH-LC SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

SECTION "B"- "B"

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SHEET SCALE: 2:1



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 e-Mail info@SAMTEC.com code 55322

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

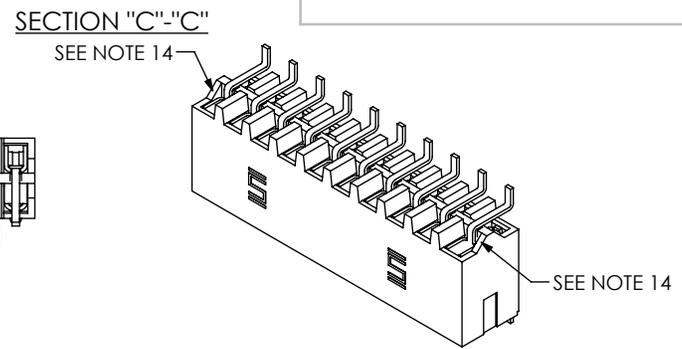
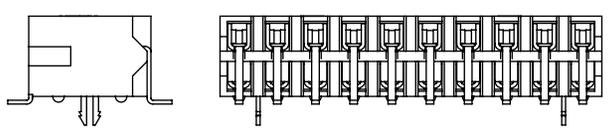
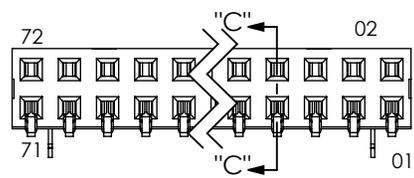
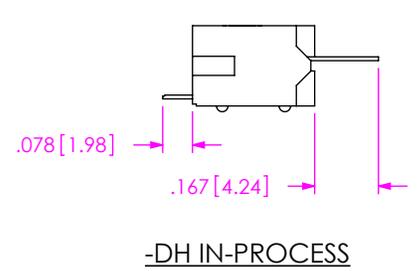
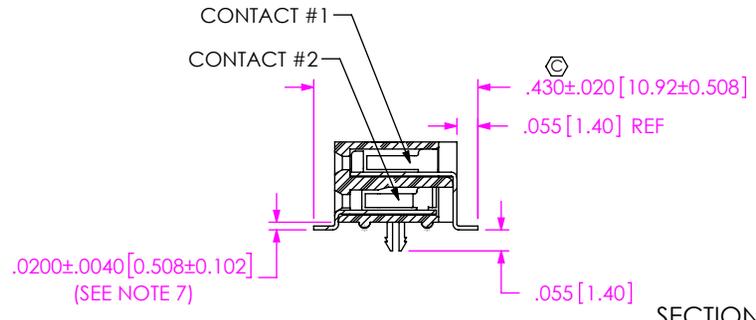
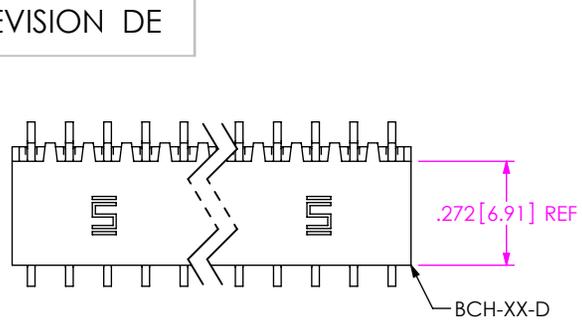


FIG 4
-DH: DOUBLE HORIZONTAL
(SSM-1XX-XXX-DH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

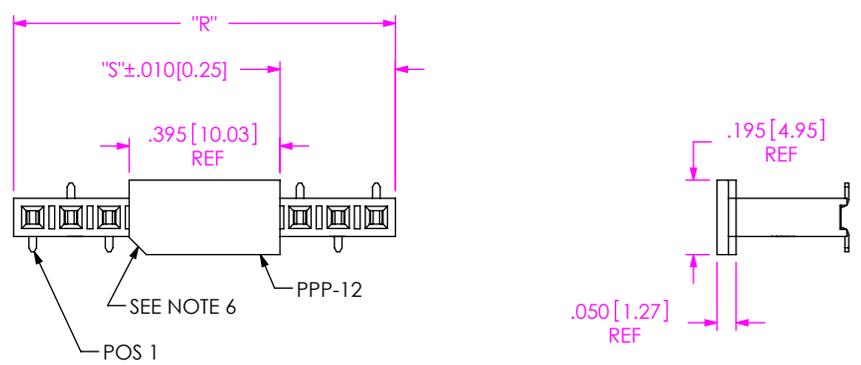


FIG 6
-P: PICK AND PLACE PAD
(SSM-110-XXX-SV-P SHOWN)
-02 AND -03 POS NOT AVAILABLE WITH POLARIZATION
-04 POS - CANNOT OFFER IF POLARIZATION IS POS 2 OR 3
-05 POS - CANNOT OFFER IF POLARIZATION IS POS 3
*MUST USE TR ON POS 2 & 3
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
"R" = SEE FIG 1, SHEET 1 FOR OAL
"S" = IF NO OF POS IS EVEN: "R"/2 - .1975 [5.017]
IF NO OF POS IS ODD: "R"/2 - .2475 [6.287]

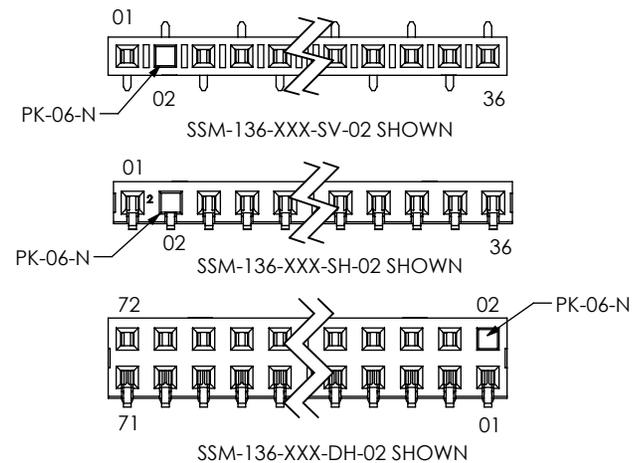


FIG 7
POLARIZATION
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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DO NOT SCALE DRAWING
SHEET SCALE: 3:2

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 3 OF 4

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]

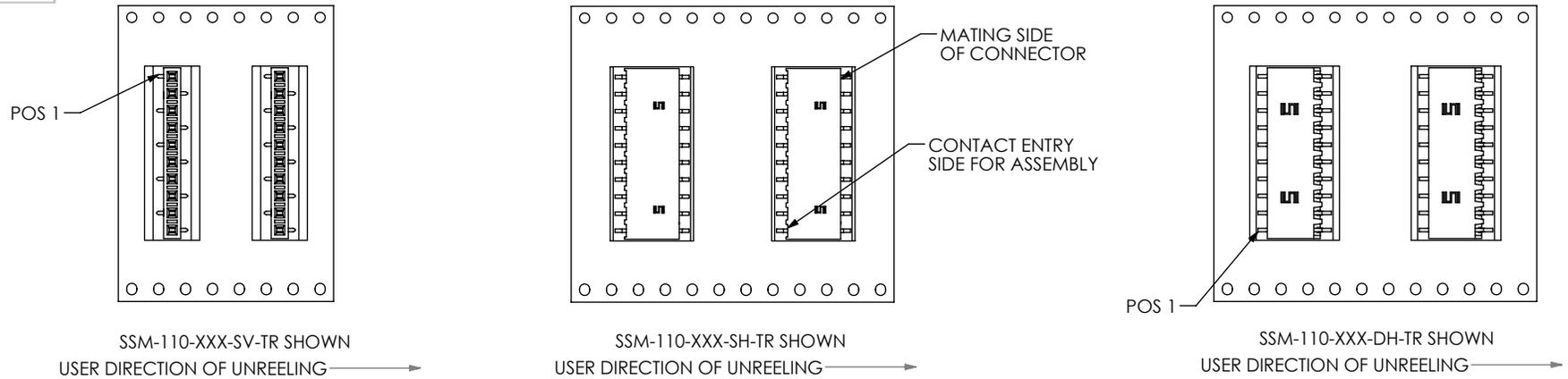


FIG 8
-TR: TAPE AND REEL
SCALE 1:1

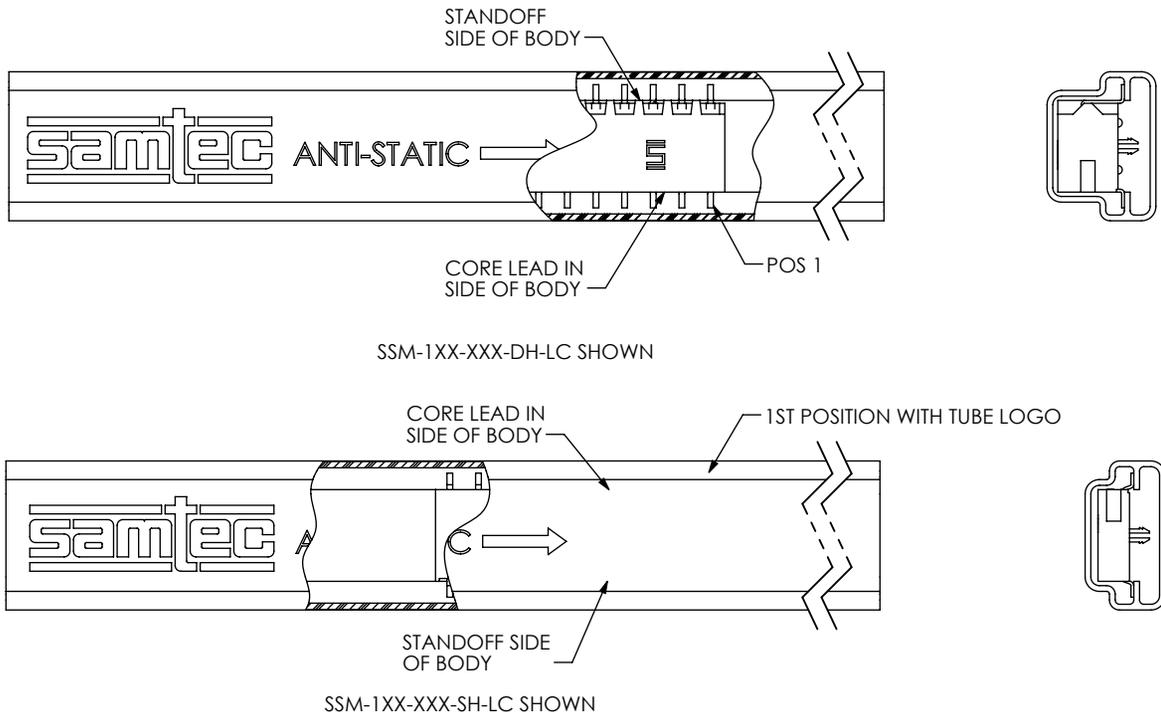


FIG 9
TUBE VIEWS

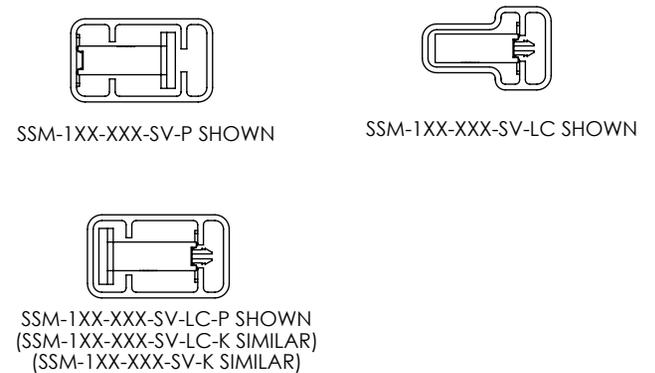


TABLE 2			
PART NUMBER	TUBE	PLUG	POS TO BE TUBED (SEE NOTE 4)
SSM-SV	PT-1-24-05-15	TP-24 (2)	03-36
SSM-SV-LC			02-36
SSM-SV-P			04-36
SSM-SV-K	PT-1-24-02-15	TP-03 (2)	03-36
SSM-SV-LC-P			04-36
SSM-SH	PT-1-24-07-15	TP-03 (2)	02-36
SSM-DH	PT-1-24-06-15	TP-07 (2)	02-36

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SHEET SCALE: 3:2



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

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