

DO NOT
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THIS PRINT

1.  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1LB.
3. COPLANARITY TO BE:
-DH: -36 THRU -28 POS: .008[0.20]
-02 THRU -27 POS: .006[0.15]
-SV, SH: .006[0.15].
4. PACKAGE IN TUBES PER SHT 2, 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. ENDWALL AFTER CUTTING: .033[0.84]±.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.

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

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)

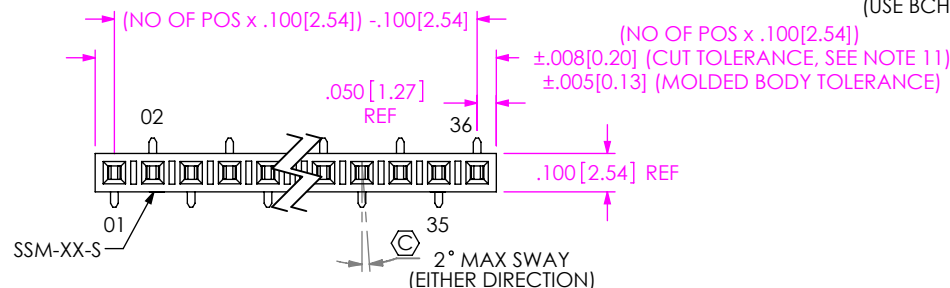


TABLE 1		
BODY/LEAD STYLE	CONTACT #1	CONTACT #2
-SV	C-95-02-X	N/A
-SH	C-58-06-X	N/A
-DH	C-58-08-X	C-58-07-X

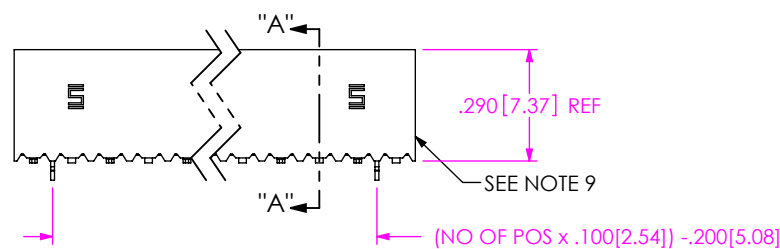
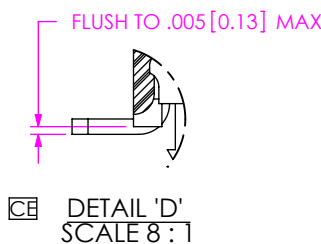
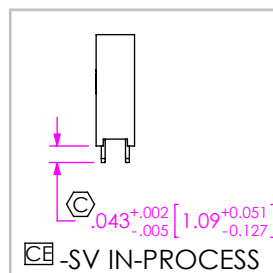
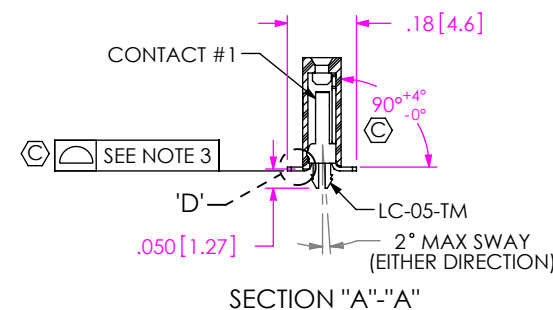


FIG 1
-SV: SINGLE VERTICAL ROW
(SSM-1XX-XXX-SV-LC SHOWN)



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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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-X-XX-XX

BY: KOLB

09/11/1998

SHEET 1 OF 3

REVISION CE

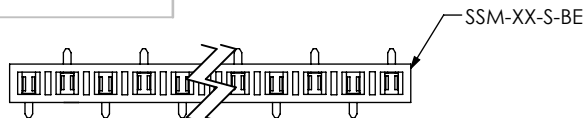


FIG 2

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

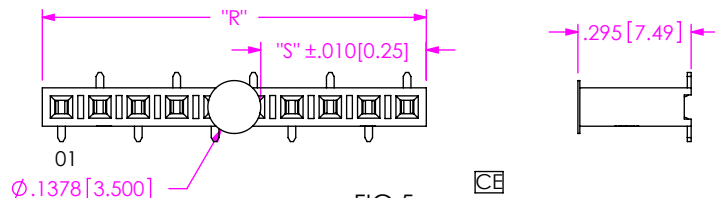


FIG 5

-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]

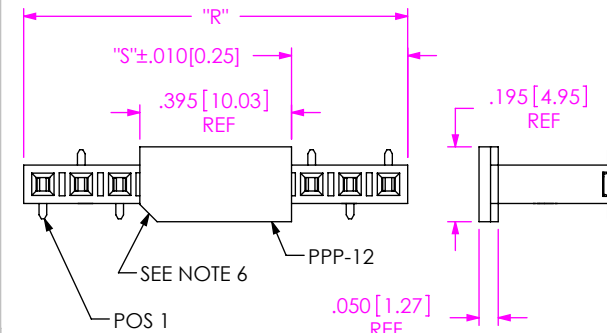


FIG 6

-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 ODD: "R"/2 - .1975 [5.017]
IF NO OF POS IS EVEN: "R"/2 - .2475 [6.287]

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]

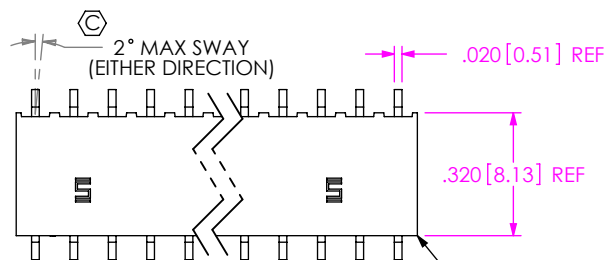


FIG 3

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

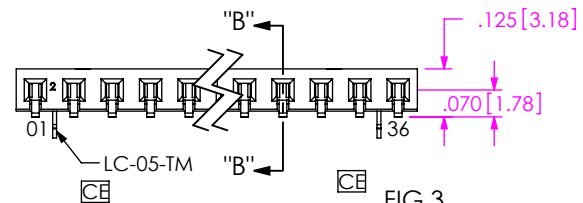
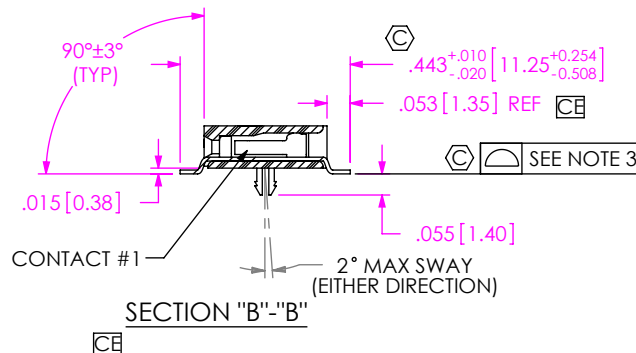
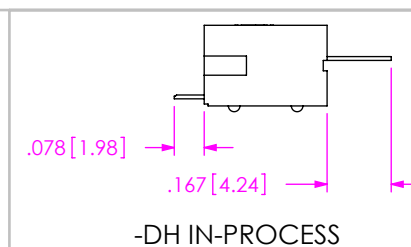


FIG 4

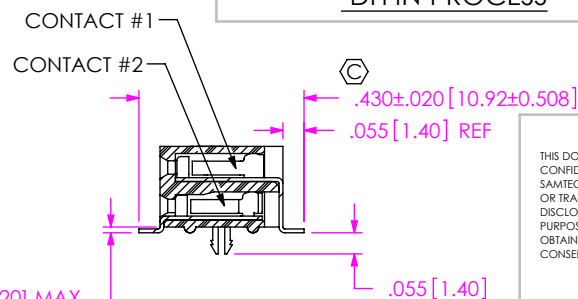
-DH: DOUBLE HORIZONTAL
(SSM-1XX-XXX-DH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)



SECTION "B"-"B"



SECTION "C"-"C"



SECTION "C"-"C"

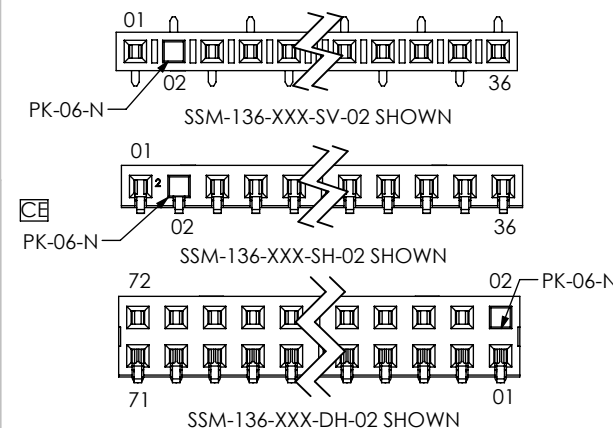


FIG 7

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

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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-X-XX-XX
BY: KOLB 09/11/1998 SHEET 2 OF 3

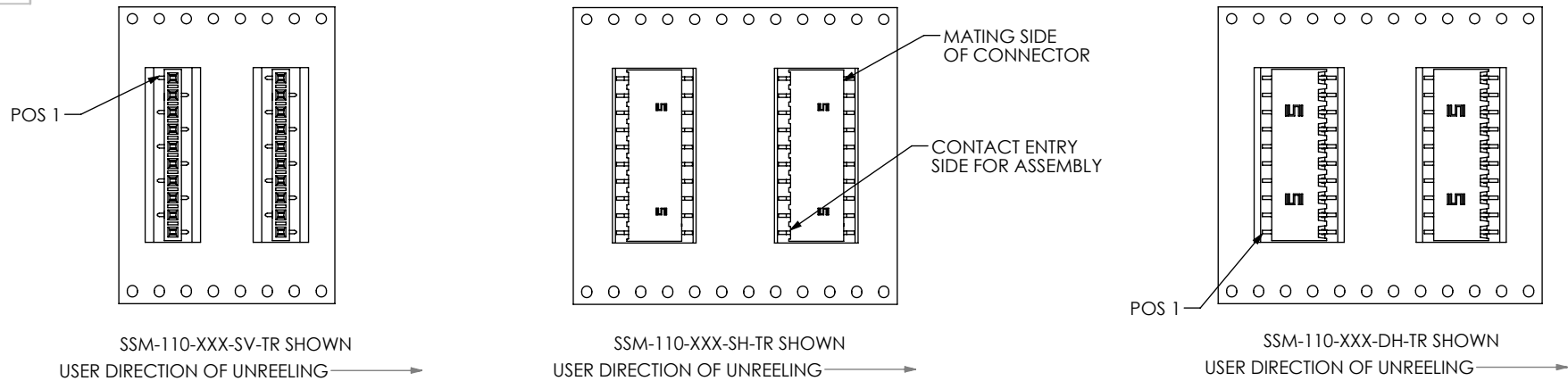
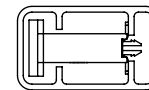
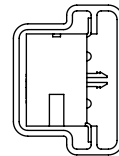
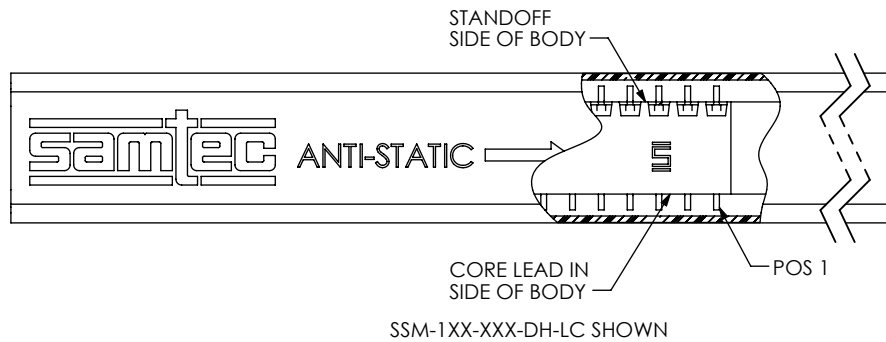
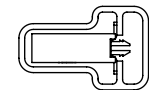


FIG 8
-TR: TAPE AND REEL
SCALE 1:1



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



SSM-1XX-XXX-SV-LC SHOWN

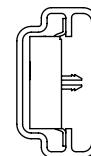
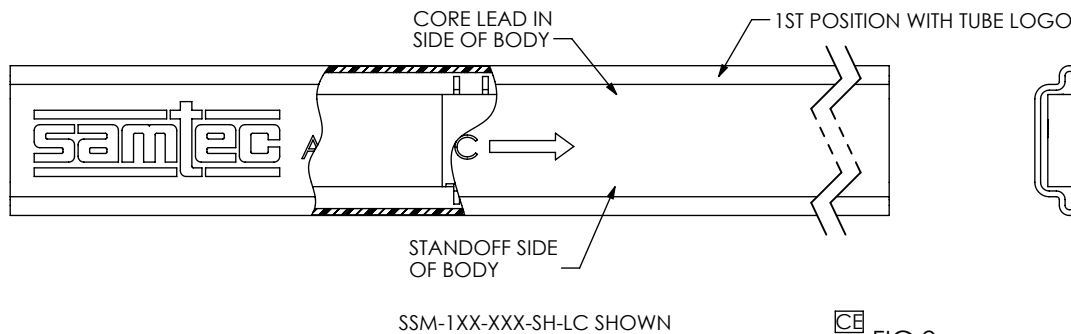


FIG 9
TUBE VIEWS

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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