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NOTES:

1. $\text{\textcircled{C}}$ 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 FULL STRIP STOCK: .008[0.20] (MUST MEET ASSEMBLY SPEC WHEN CUT.)
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. 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.
13. THIS DIMENSION IS TO BE MEASURED RELATIVE TO DATUM -Z-.

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 4)
 (29 POSITIONS MAX)

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

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

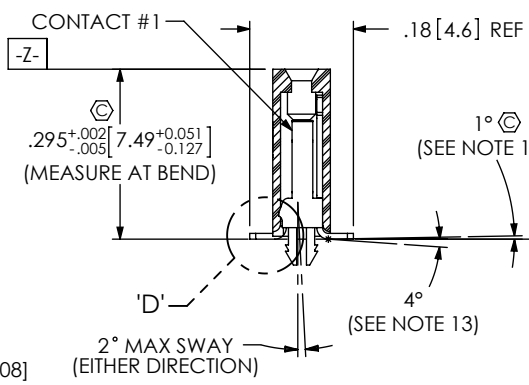
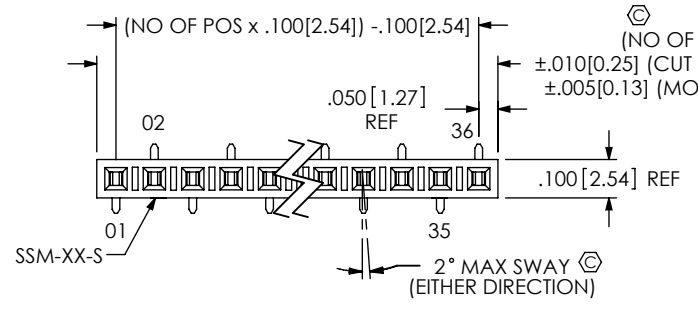
- LC: LOCKING CLIP (USE LC-05-TM, SEE NOTE 10) (FOR -SH AND -DH USE MOLDED TO POSITION BODIES)

OPTION

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

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)



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

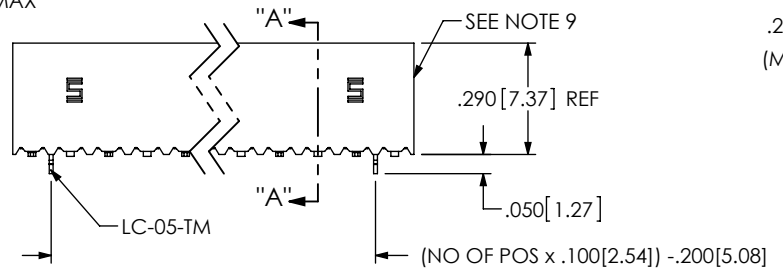
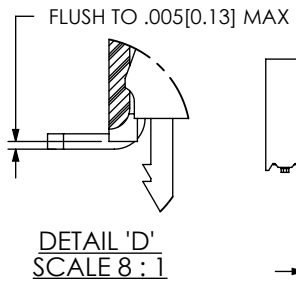
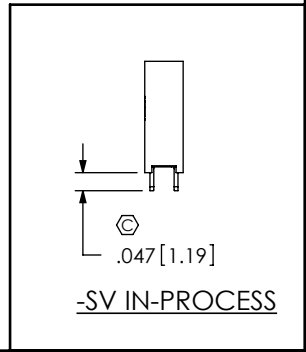


FIG 1
 -SV: SINGLE VERTICAL ROW
 (SSM-1XX-XXX-SV-LC SHOWN)



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

DESCRIPTION:
 .100[2.54] C.L. SURFACE MOUNT SOCKET STRIP
 DWG. NO.
 SSM-1XX-XXX-XX-XX-XX-X-XX-XX

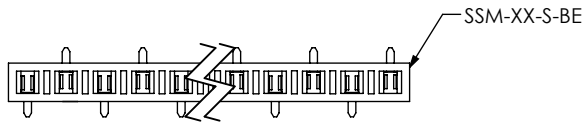


FIG 2
 -SV-BE: SINGLE VERTICAL ROW BOTTOM ENTRY
 (SSM-1XX-XXX-SV-BE SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

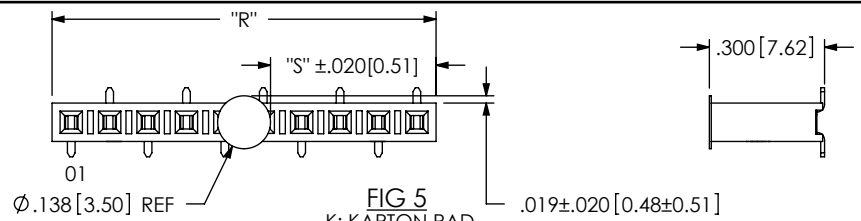
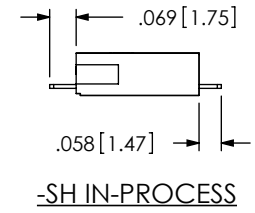
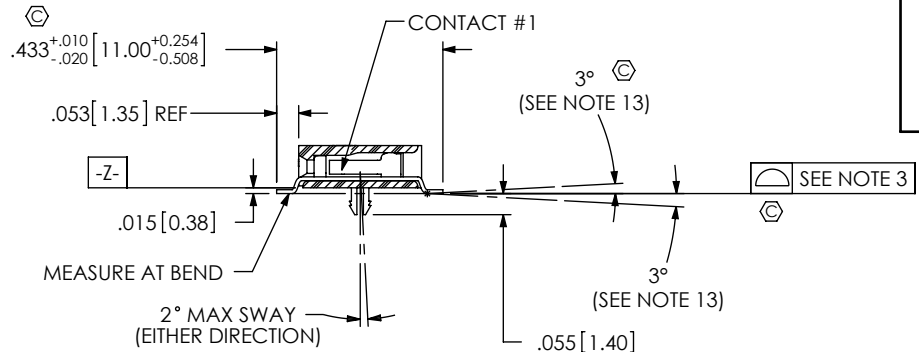
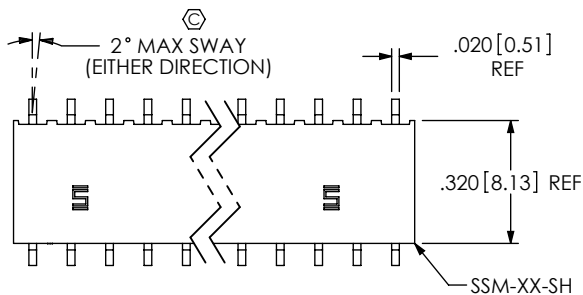


FIG 5
 -K: KAPTON PAD
 (SSM-110-XXX-SV-K SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 "R" = SEE FIG 1, SHEET 1 FOR OAL
 "S" = "R"/2 - .0689 [1.750]



SECTION "B"-"B"

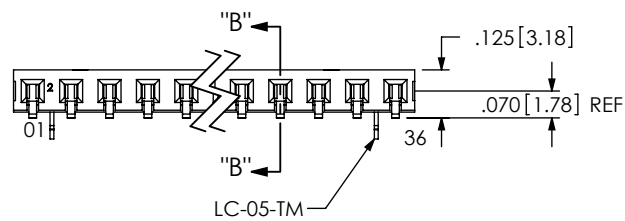


FIG 3
 -SH: SINGLE HORIZONTAL
 (SSM-136-XXX-SH-LC SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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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-X-XX-XX
BY:	KOLB 09/11/1998 SHEET 2 OF 4

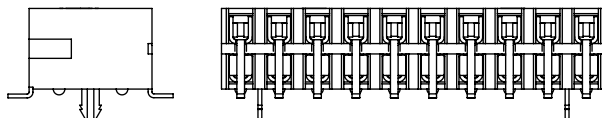
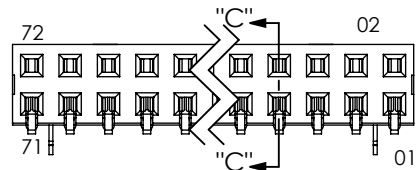
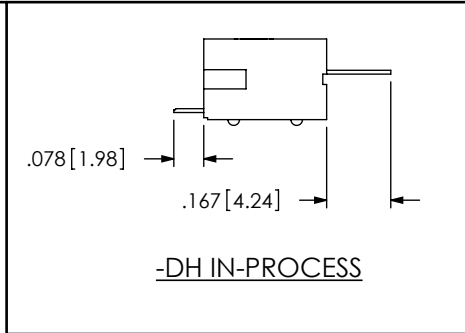
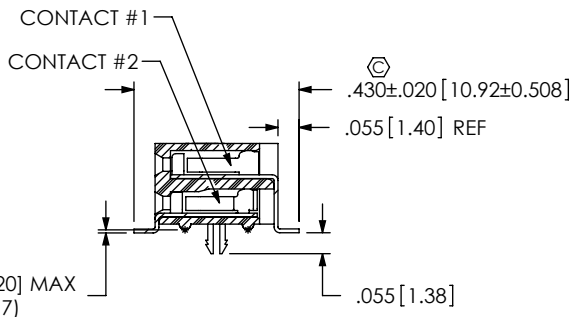
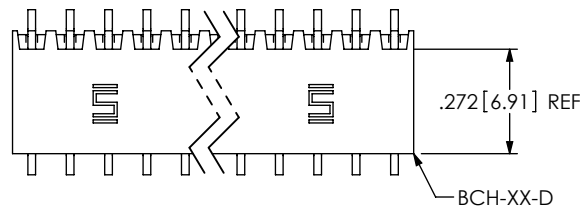


FIG 4
-DH: DOUBLE HORIZONTAL
(SSM-1XX-XXX-DH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

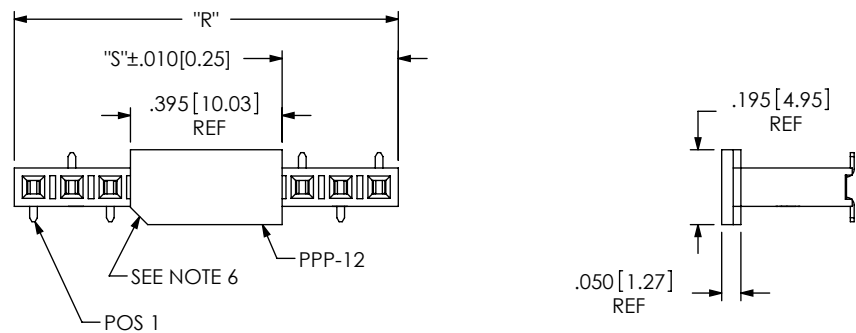


FIG 6
-P: PICK AND PLACE PAD
(SSM-110-XXX-SV-P SHOWN)
-02 AND -03 POS NOT AVAILABLE WITH POLARIZATION
-04 POS - CANNOT OFFER IF POLARIZATION IS POS 2 OR 3
-05 POS - CANNOT OFFER IF POLARIZATION IS POS 3
*MUST USE TR ON POS 2 & 3
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
"R" = SEE FIG 1, SHEET 1 FOR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

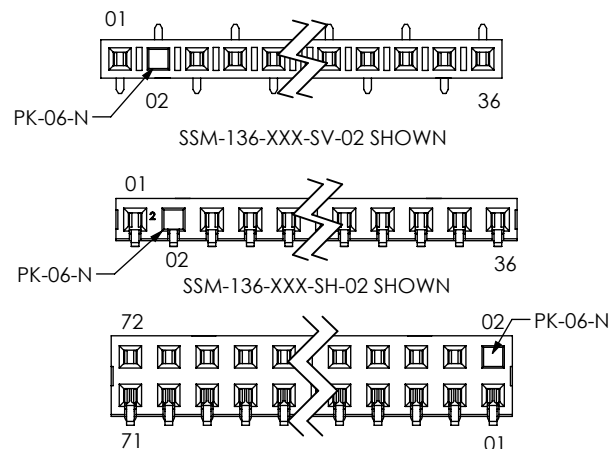


FIG 7
POLARIZATION
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

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 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]

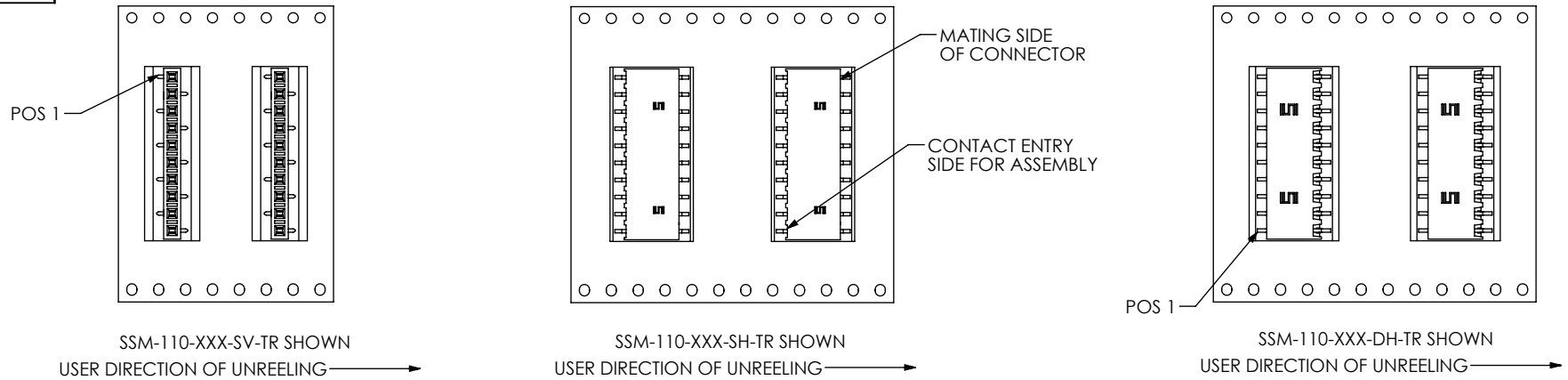


FIG 8
-TR: TAPE AND REEL
SCALE 1:1

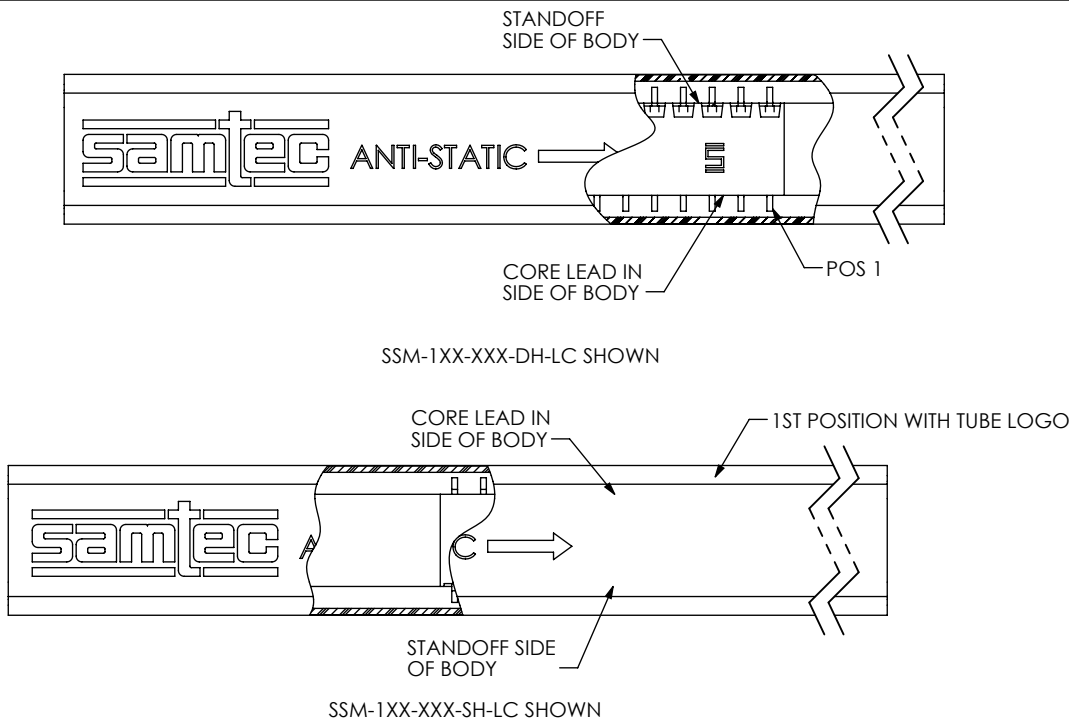


FIG 9
TUBE VIEWS

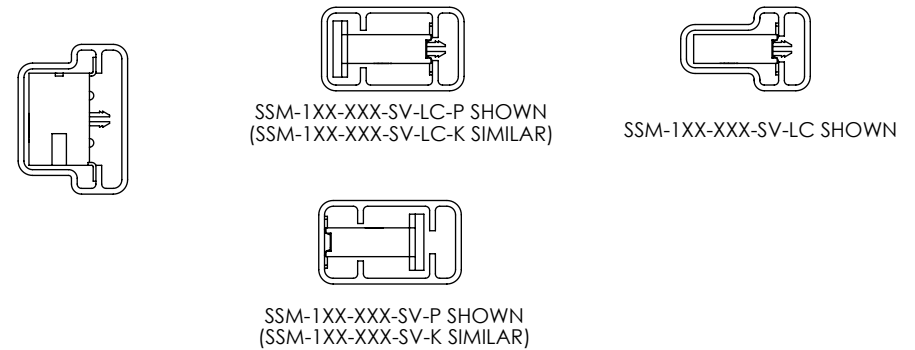


TABLE 2			
PART NUMBER	TUBE	PLUG	POS TO BE TUBED (SEE NOTE 4)
SSM-SV	PT-1-24-05-15	TP-24 (2)	03-36
SSM-SV-LC			02-36
SSM-SV-P	PT-1-24-02-15	TP-03 (2)	04-36
SSM-SV-K			03-36
SSM-SH	PT-1-24-07-15	TP-03 (2)	02-36
SSM-DH	PT-1-24-06-15	TP-07 (2)	02-36

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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 4 OF 4