REVISION CV

DO NOT SCALE FROM THIS PRINT

NOTES:

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 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)

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)

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

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

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

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)

OPTION
-TR: TAPE AND REEL
(SEE FIG 8, SHT 4)
(29 POSITIONS MAX)

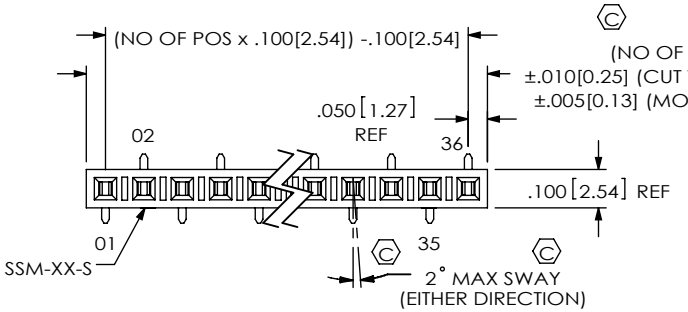
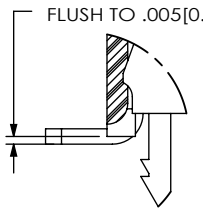


TABLE 1		
BODY/LEAD STYLE	CONTACT #1	CONTACT #2
-SV	C-95-02-X	N/A
-SH	C-58-06-X	N/A
-DH	C-58-08-X	C-58-07-X



DETAIL 'D'
SCALE 8 : 1

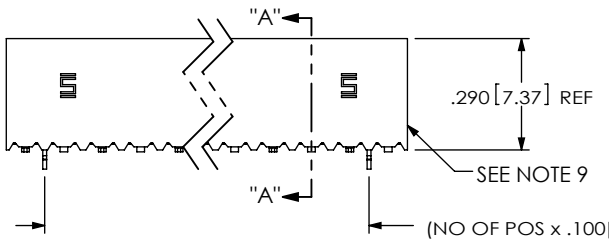
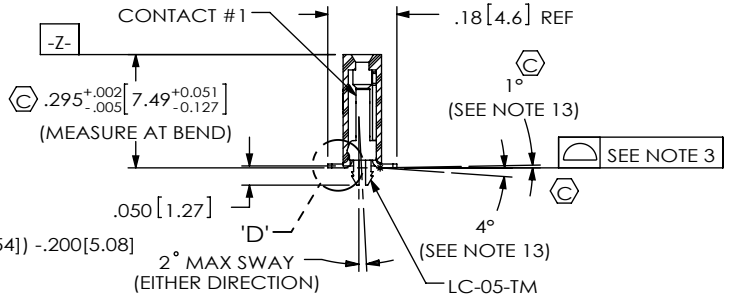
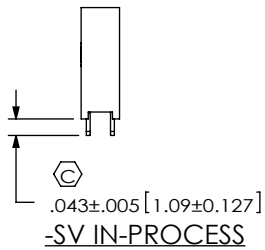


FIG 1
-SV: SINGLE VERTICAL ROW
(SSM-1XX-XXX-SV-LC SHOWN)



SECTION "A"-"A"



-SV IN-PROCESS

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
ANGLES
2°

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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-X-XX-XX

F:\DWG\MISC\MKTG\SSM-1XX-XXX-XX-XX-XX-X-XX-XX-MKT.SLDDRW

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

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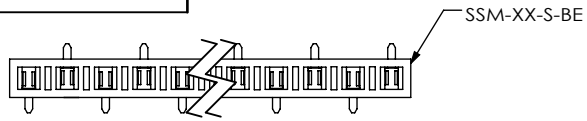


FIG 2
-SV-BE: SINGLE VERTICAL ROW BOTTOM ENTRY
(SSM-1XX-XXX-SV-BE SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

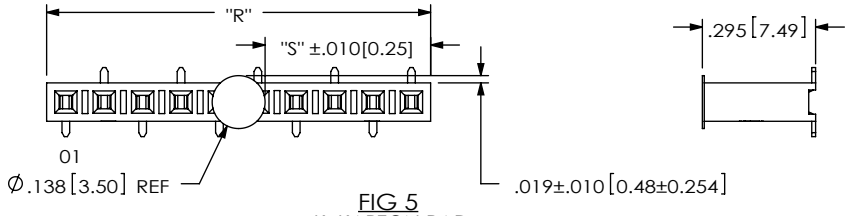
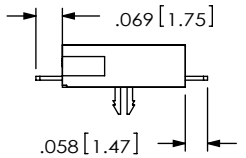
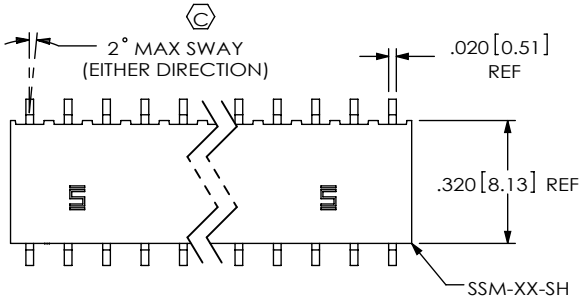
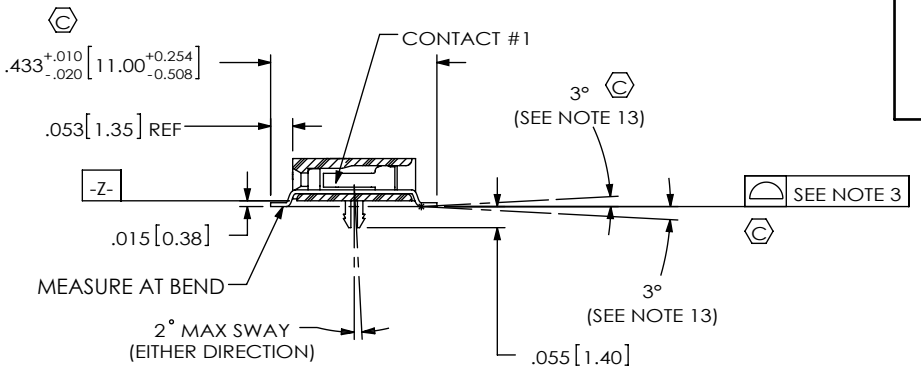


FIG 5
-K: KAPTON PAD
(SSM-110-XXX-SV-K SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
"R" = SEE FIG 1, SHEET 1 FOR OAL
"S" = "R"/2 - .0689[1.750]



-SH IN-PROCESS





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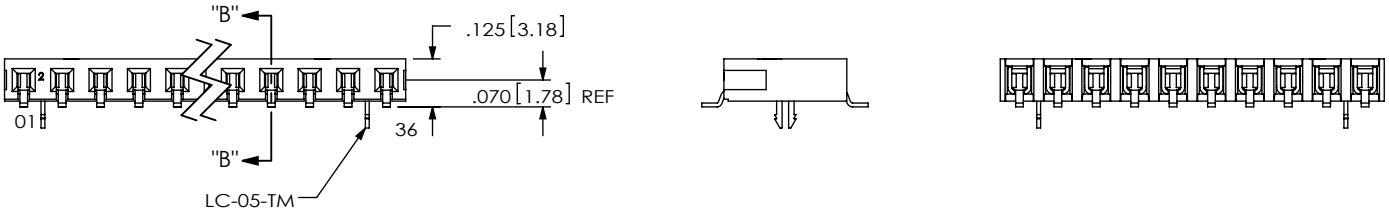

FIG 3
-SH: SINGLE HORIZONTAL
(SSM-136-XXX-SH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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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-X-XX-XX

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

F:\DWG\MISC\MKTG\SSM-1XX-XXX-XX-XX-XX-X-XX-XX-MKT.SLDDRW

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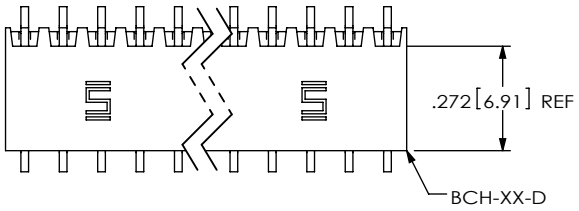

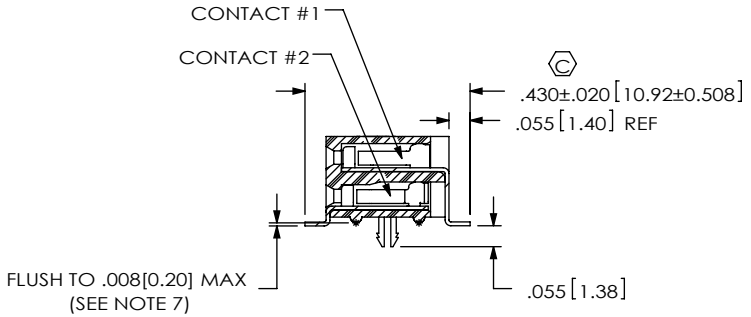

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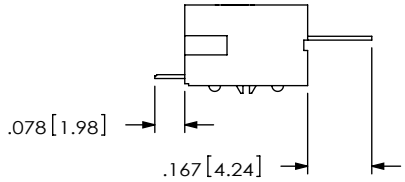
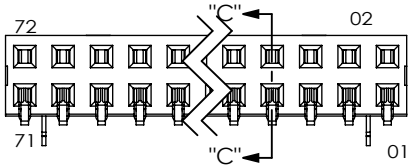


-DH IN-PROCESS



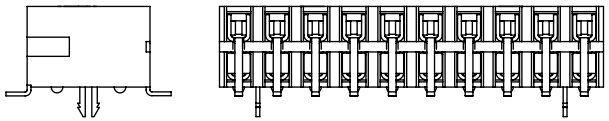
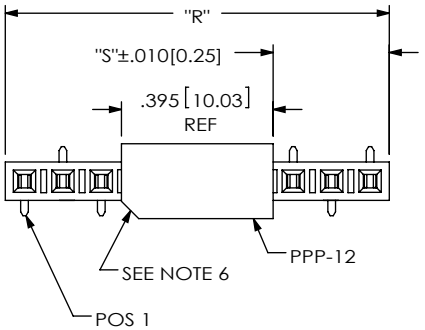


FIG 4
-DH: DOUBLE HORIZONTAL
(SSM-1XX-XXX-DH-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)



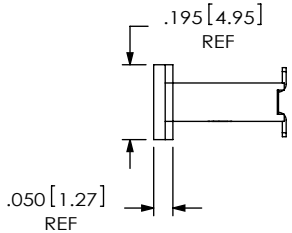
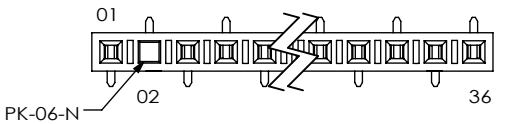


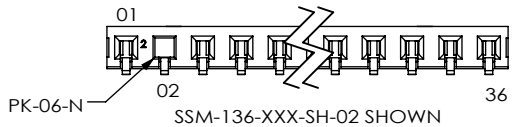
FIG 6
-P: PICK AND PLACE PAD
(SSM-110-XXX-SV-P SHOWN)
-02 AND -03 POS NOT AVAILABLE WITH POLARIZATION
-04 POS - CANNOT OFFER IF POLARIZATION IS POS 2 OR 3
-05 POS - CANNOT OFFER IF POLARIZATION IS POS 3
*MUST USE TR ON POS 2 & 3
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
"R" = SEE FIG 1, SHEET 1 FOR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

IF CENTER POS IS POLARIZED, USE TABLE BELOW

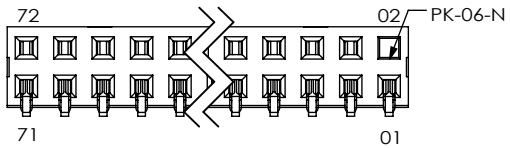
NO OF POS	DIRECTION PAD MOVED (1 POS TO NEXT AVAIL)	MIN POS	FORMULA
EVEN	LEFT	6	"S" = "R"/2 - .0975[2.477]
EVEN	RIGHT	6	"S" = "R"/2 - .2975[7.557]
ODD	LEFT	5	"S" = "R"/2 - .1475[3.747]
ODD	RIGHT	7	"S" = "R"/2 - .3475[8.827]



SSM-136-XXX-SV-02 SHOWN



SSM-136-XXX-SH-02 SHOWN



SSM-136-XXX-DH-02 SHOWN

FIG 7
POLARIZATION
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 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-X-XX-XX

BY: KOLB 09/11/1998 SHEET 3 OF 4

F:\DWG\MISC\MKTG\SSM-1XX-XXX-XX-XX-XX-X-XX-XX-MKT.SLDDRW

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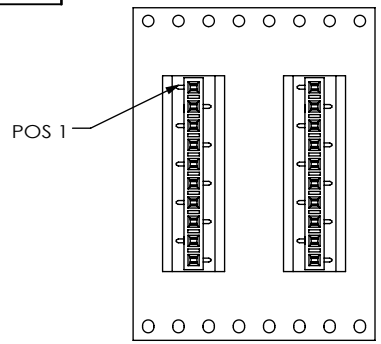
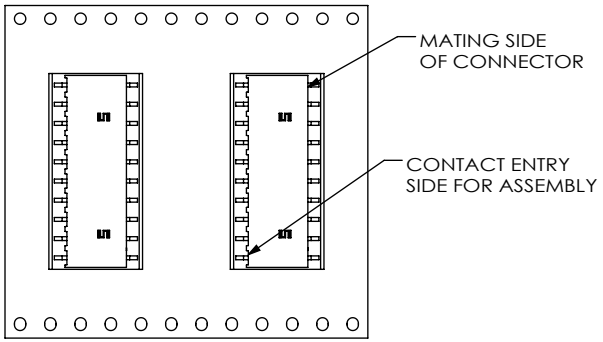


SSM-110-XXX-SV-TR SHOWN
USER DIRECTION OF UNREELING →



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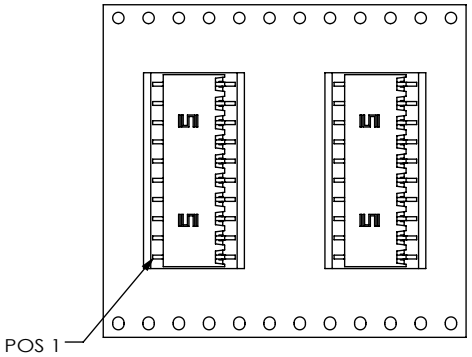
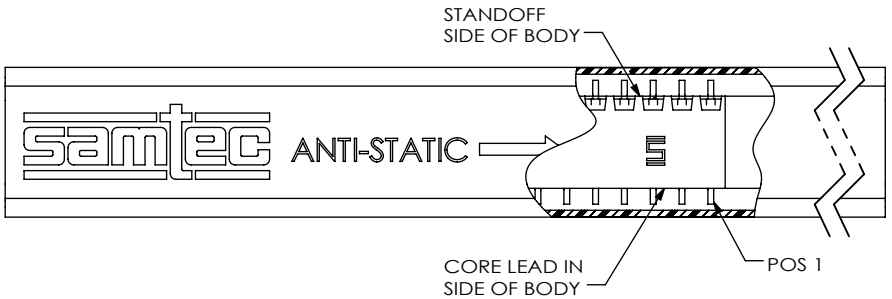
USER DIRECTION OF UNREELING →

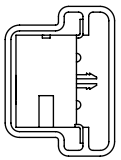


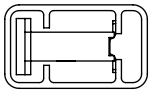
SSM-110-XXX-DH-TR SHOWN
USER DIRECTION OF UNREELING →

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

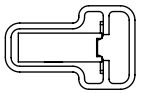


SSM-1XX-XXX-DH-LC SHOWN





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



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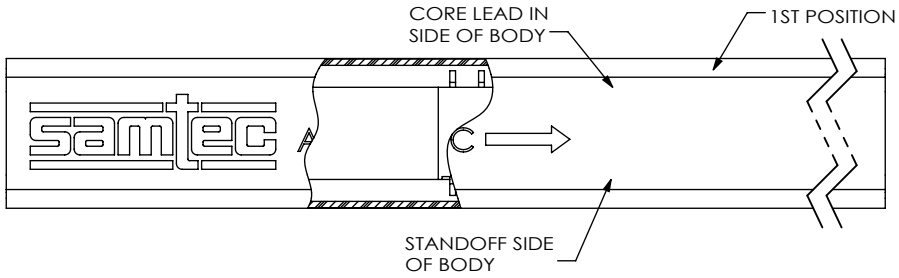

SSM-1XX-XXX-SH-LC SHOWN

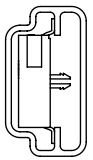

TABLE 2			
PART NUMBER	TUBE	PLUG	POS TO BE TUBED (SEE NOTE 4)
SSM-SV	PT-1-24-05-15	TP-24 (2)	03-36
SSM-SV-LC			02-36
SSM-SV-P	PT-1-24-02-15	TP-03 (2)	04-36
SSM-SV-K			03-36
SSM-SH	PT-1-24-07-15	TP-03 (2)	02-36
SSM-DH	PT-1-24-06-15	TP-07 (2)	02-36

FIG 9
TUBE VIEWS

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SHEET SCALE: 3:2

F:\DWG\MISC\MKTG\SSM-1XX-XXX-XX-XX-XX-X-XX-XX-MKT.SLDDRW

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

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