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DO NOT SCALE FROM THIS PRINT

TABLE 1
LEAD STYLE SPECIFICATION

-XX	-S, -D, -T, -P	-S-RA, -P-RA	-D-RA	-T-RA
-01	C-08-1-XXX	N/A	N/A	N/A
-02	C-08-2-XXX	C-08-2-XXX	C-08-2-XXX C-08-3-XXX	C-08-2-XXX C-08-3-XXX C-08-5-XXX
-03	C-08-3-XXX	C-08-3-XXX	C-08-3-XXX C-08-5-XXX	N/A
-04	C-08-5-XXX	C-08-5-XXX	N/A	N/A
-06	C-08-6-XXX	N/A	N/A	N/A
-21	C-17-1-XXX	N/A	N/A	N/A
-22	C-17-2-XXX	C-17-2-XXX	C-17-2-XXX C-17-3-XXX	C-17-2-XXX C-17-3-XXX C-17-5-XXX
-23	C-17-3-XXX	C-17-3-XXX	C-17-3-XXX C-17-5-XXX	N/A
-24	C-17-5-XXX	C-17-5-XXX	N/A	N/A

TABLE 4

ROW OPTION	BODY
-S	SSW-XX-S
-D	SSW-XX-D
-D-N	NSW-XX-D-N-XX
-T	SSW-XX-T
-P	SSW-XX-P
-Q	SSW-XX-T

TABLE 2

LEAD STYLE	"B"	"G"	"C"		
	-S(-RA), -D, -T	-D, -T	-S-RA	-D-RA	-T-RA
-01, -21	.104 [2.64]	.005 [.13]	N/A	N/A	N/A
-02, -22	.194 [4.93]	.005 [.13]	.100 [2.54]	.100 [2.54]	.100 [2.54]
-03, -23	.394 [10.01]	+.010/-.012 [+.25/-.31]	.300 [7.62]	.300 [7.62]	N/A
-04, -24	.584 [14.83]	+.010/-.012 [+.25/-.31]	.490 [12.45]	N/A	N/A
-06	.124 [3.15]	.005 [.13]	N/A	N/A	N/A

SSW-1XX-XX-XXX-X-XX-XXX-XX

No OF POSITIONS
-01 THRU -50
(-P OPTION: 36 POS MAX)

LEAD STYLE
(SEE TABLE 1)
-01 THRU -06 (STD. INS. FORCE)
-21 THRU -24 (LOW INS. FORCE)

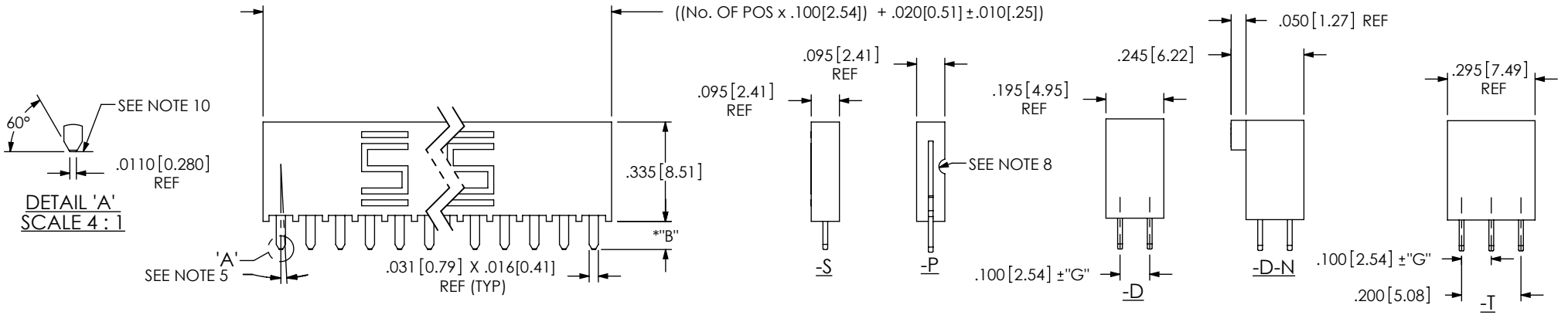
PLATING SPECIFICATION
-G: 20µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL
-T: MATTE TIN CONTACT AND TAIL (CONTACT -21 THRU -24 N/A)
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL
-E: 50µ" EXTRA HEAVY GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL (CONTACT -01 & -02 STRAIGHT ONLY)
-F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-STL: 30µ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10 ± 5%) TAIL
-TL: TIN/LEAD (90/10 ± 5%) CONTACT AND TAIL (AVAILABLE ONLY ON LEAD STYLES -01)
-TM: MATTE TIN CONTACT AND TAIL (CONTACT -21 THRU -24 N/A)
-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-FM: 3µ" FLASH GOLD SELECTIVE IN CONTACT AREA, MATTE TIN ON TAIL
-L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION
-LL: LOCKING LEAD (SEE FIG 4, SHT 2) (N/A IN SINGLE ROW, 1 & 2 POSITION)

POLARIZING OPTION
INDICATE POS, SEE FIG 3, SHT 3

OPTION
-RA: RIGHT ANGLE (SEE FIG 2, SHT 2) (STYLE -01 & -21 N/A)
-N: NOTCH (SEE FIG 6, SHT 3) (ONLY AVAILABLE IN -D ROW) (ONLY AVAILABLE IN 5, 7, 8, 10, 12, 13, 15, 17, 20, 25, 32, 36 POSITIONS) (USE NSW-XX-D-N-XX BODY, SEE TABLE 6)

ROW SPECIFICATION
-S: SINGLE
-D: DOUBLE
-T: TRIPLE
-P: SINGLE
-Q: TRIPLE WITH ONLY OUTER 2 ROWS FILLED



*"B" $^{+.000}_{-.005}$ FOR MACHINE FILL ONLY

FIG 1

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM CUT FLASH: .015[.38] WITH NO FLASH BELOW STANDOFFS OR IN CONTACT HOLES.
3. MINIMUM CONTACT PUSHOUT FORCE: 1.5 LBS.
4. MAXIMUM ALLOWABLE BOW: .003[.08] INCH/INCH.
5. MAXIMUM ALLOWABLE SWAY: 2° (TYP) FOR HAND FILL & 1° (TYP) FOR MACHINE FILL.
6. MAXIMUM ALLOWABLE VARIATION BETWEEN ROWS: .010[.25].
7. "END WALLS" AFTER CUTTING SHOULD BE .020±.003 [.51±.08].
8. NOTCH ON -P-RA & -D-RA-N OPTIONS TO BE ORIENTED AS SHOWN.
9. SHEAR LOCATION TO BE WITHIN .001[.03] OF THE BREAK OFF CENTER LOCATION.
10. SHEAR LOCATION TO BE WITHIN .001[.03] OF THE BREAK OFF CENTER LOCATION FOR MACHINE FILL.
11. LEAD STYLE X2 (SINGLE AND DOUBLE) -RA's TO BE LAYER PACKAGED. ALL OTHER -RA LEAD STYLES: UNDER 5 POSITION TO BE LAYER PACKAGED, 5 AND UP TO BE PACKAGED IN TUBES.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS: .XX: ±.01 [.3] .XXX: ±.005 [.13]
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:
INSULATOR:
-S, -D, -D-N: VECTRA E130i, COLOR: BLACK UL94 V0
-P, -T: PCT, COLOR: BLACK UL94 V0
CONTACT: PHOSPHOR BRONZE, SPRING TEMPER ALLOY 511 OR 510
(TENSILE STRENGTH 90-100 KSI)
(YEILD STRENGTH @ 2% OFFSET 88-98 KSI)
PER MIL-B-13501
THICKNESS: .0160±.001 [0.635±0.03]

DO NOT SCALE DRAWING
SHEET SCALE: 2:1

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

DESCRIPTION:
ASSEMBLY, SOCKET STRIP .016 X .031 TAIL

DWG. NO.
SSW-1XX-XX-XXX-X-XX-XXX-XX

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TABLE 3			
IN-PROCESS	"D"	"E"	"F"
SSW-1XX-X2-X-D-RA	.194 [4.93]	.394 [10.01]	----------
SSW-1XX-03-X-D-RA	.394 [10.01]	.594 [15.09]	----------
SSW-1XX-02-X-T-RA	.194 [4.93]	.394 [10.01]	.594 [15.09]

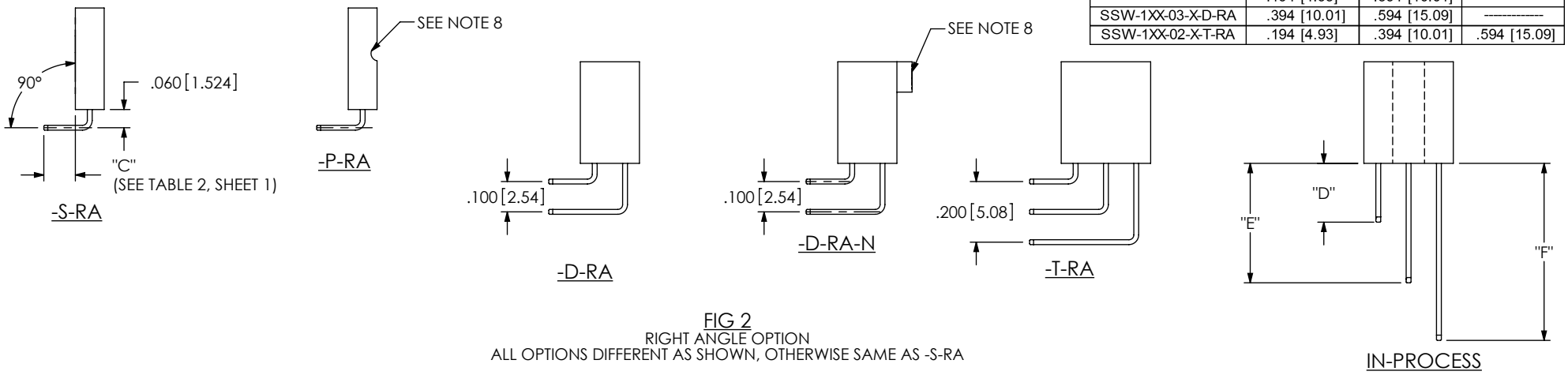

FIG 2
RIGHT ANGLE OPTION
ALL OPTIONS DIFFERENT AS SHOWN, OTHERWISE SAME AS -S-RA

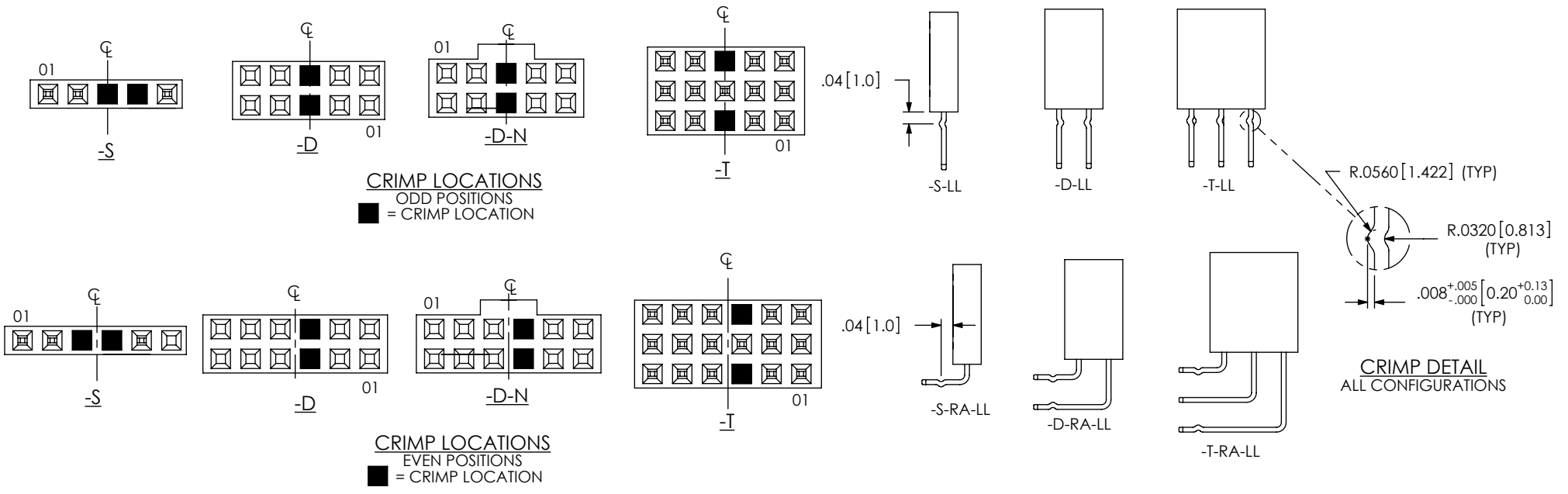

FIG 4
LOCKING LEAD OPTION
ALL OPTIONS SAME AS -S-XX-LL
UNLESS OTHERWISE SHOWN

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
ASSEMBLY, SOCKET STRIP .016 X .031 TAIL

DWG. NO.
SSW-1XX-XX-XXX-X-XX-XXX-XX

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

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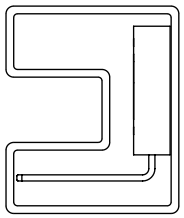
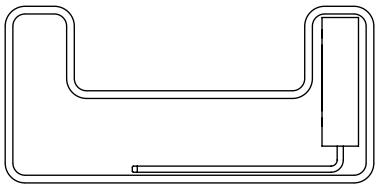
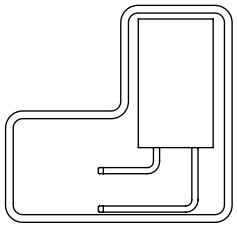


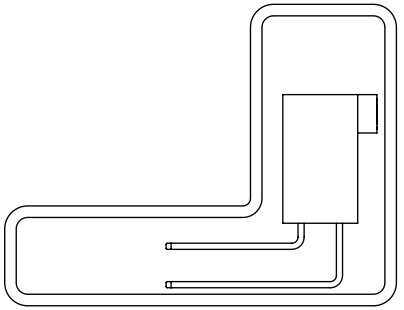
SSW-1XX-03-XXX-S-RA
SSW-1XX-23-XXX-S-RA



SSW-1XX-04-XXX-S-RA
SSW-1XX-24-XXX-S-RA



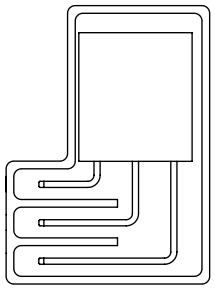
SSW-1XX-03-XXX-D-RA
SSW-1XX-23-XXX-D-RA



SSW-1XX-03-XXX-D-RA-N
SSW-1XX-23-XXX-D-RA-N

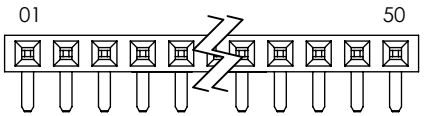
TABLE 5
TUBE SPECIFICATION

PART NUMBER	TUBE	PLUG
SSW-1XX-03-XXX-S-RA SSW-1XX-23-XXX-S-RA	PT-3-24-01-01	TP-03
SSW-1XX-04-XXX-S-RA SSW-1XX-24-XXX-S-RA	PT-1-24-01-34	TP-03
SSW-1XX-03-XXX-D-RA SSW-1XX-23-XXX-D-RA	PT-1-24-06-40	TP-07
SSW-1XX-03-XXX-D-RA-N SSW-1XX-23-XXX-D-RA-N	ASP-90341-01-S	TP-07
SSW-1XX-02-XXX-T-RA SSW-1XX-02-XXX-Q-RA	PT-1-24-04-40	TP-07

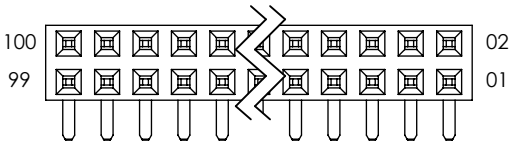


SSW-1XX-02-XXX-T-RA
SSW-1XX-02-XXX-Q-RA

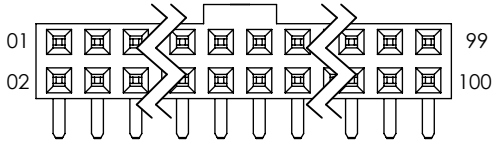
FIG 5
PACKAGING VIEWS
(SEE NOTE 11)



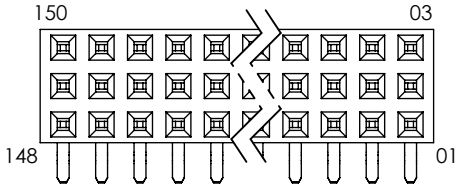
-S, -P, -S-RA & -P-RA



-D, -D-RA



-D-N, -D-RA-N



-T, -Q, -T-RA & -Q-RA

FIG 3
POLARIZATION LOCATION
(INSERT PK-06-N INTO SPECIFIED POSITION & BREAK OFF TAB)
(-RA OPTION SHOWN FOR ORIENTATION PURPOSE ONLY)

TABLE 6

POS PER ROW	NSW-XX-D-N-XX
5	NSW-47-D-N-05
7	NSW-47-D-N-07
8	NSW-44-D-N-08
10	NSW-43-D-N-10
12	NSW-38-D-N-12
13	NSW-41-D-N-13
15	NSW-47-D-N-15
17	NSW-35-D-N-17
20	NSW-20-D-N
25	NSW-25-D-N
32	NSW-32-D-N
36	NSW-36-D-N

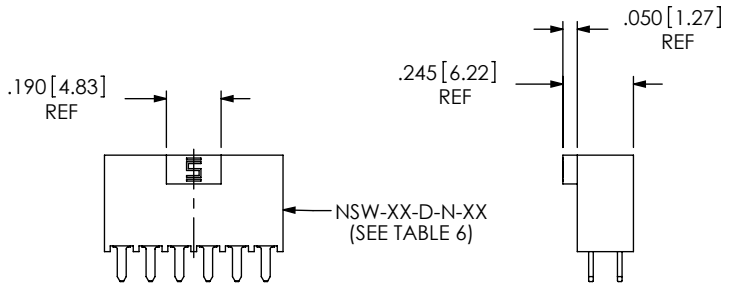


FIG 6
NOTCH OPTION
DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

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DESCRIPTION:
ASSEMBLY, SOCKET STRIP .016 X .031 TAIL

DWG. NO.
SSW-1XX-XX-XXX-X-XX-XXX-XX

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