

REVISION BI

DO NOT SCALE FROM THIS PRINT

TABLE 1 CONTACT SPECIFICATION

-XX	-S, -D, -T, -P	-S-RA, -P-RA	-D-RA	-T-RA
-01	C-8-1-X	N/A	N/A	N/A
-02	C-8-2-X	C-8-2-X	C-8-2-X C-8-3-X	C-8-2-X C-8-3-X C-8-5-X
-03	C-8-3-X	C-8-3-X	C-8-3-X C-8-5-X	N/A
-04	C-08-5-X	C-08-5-X	N/A	N/A
-06	C-8-6-X	N/A	N/A	N/A
-21	C-17-1-X	N/A	N/A	N/A
-22	C-17-2-X	C-17-2-X	C-17-2-X C-17-3-X	C-17-2-X C-17-3-X C-17-5-X
-23	C-17-3-X	C-17-3-X	C-17-3-X	N/A
-24	C-17-5-X	C-17-5-X	N/A	N/A

UNLESS OTHERWISE NOTED TOLERANCES ARE:
 DIMENSIONS ARE IN INCHES
 ONE PLACE DECIMALS ± THREE PLACE DECIMALS ± .005 [.13]
 TWO PLACE DECIMALS ± .01 [.25] FOUR PLACE DECIMALS ± ANGLES ± 2°
 TITLE: ASSEMBLY, SOCKET STRIP .016 X .031 TAIL [.41] [.79]
 DWG NO: SSW-1XX-XX-XXX-X-XX-XX-XX
 SHEET 1 OF 2

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

BODY LENGTH SPEC
 -01 THRU -50
 (-P OPTION: 36 POS MAX.)

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

PLATING SPECIFICATION
 -G: GOLD- SPECIFY -G IN CONTACT SUFFIX -X
 -T: TIN- SPECIFY -T IN CONTACT SUFFIX -X
 (CONTACT -21 THRU -24 N/A)
 -S: SELECTIVE- SPECIFY -S IN CONTACT SUFFIX -X
 -H: HEAVY- SPECIFY -H IN CONTACT SUFFIX -X
 -E: EXTRA HEAVY- SPECIFY -E IN CONTACT SUFFIX -X
 (CONTACT -01 & -02 STRAIGHT ONLY)
 -F: FLASH SELECTIVE- SPECIFY -F IN CONTACT SUFFIX -X
 -P: GOLD FLASHED PALLADIUM NICKEL- SPECIFY -P IN CONTACT SUFFIX -X
 -STL: SELECTIVE TIN/LEAD- SPECIFY -STL IN TERMINAL SUFFIX -XX
 -TL: TIN/LEAD- SPECIFY -TL IN TERMINAL SUFFIX -X
 (AVAILABLE ONLY ON LEAD STYLES -01.)
 -TM: MATTE TIN SPECIFY -T IN TERMINAL SUFFIX -X
 (CONTACT -21 THRU -24 N/A)
 -SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -S IN TERMINAL SUFFIX -X
 -FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -F IN TERMINAL SUFFIX -X

OPTION
 -LL: LOCKING LEAD (SEE SHEET 2) (N/A IN SINGLE ROW, 1 & 2 POSITION)
POLARIZING OPTION
 INDICATE POS- SEE FIG. 3

OPTION
 -RA: RIGHT ANGLE (SEE FIG. 1) (CONTACT -01 & -21 N/A)

BODY SPECIFICATION
 -S: USE SSW-XX-S
 -D: USE SSW-XX-D
 -T: USE SSW-50-T
 -P: USE SSW-36-P
 -Q: USE SSW-50-T (TRIPLE ROW WITH ONLY 2 OUTER ROWS FILLED)

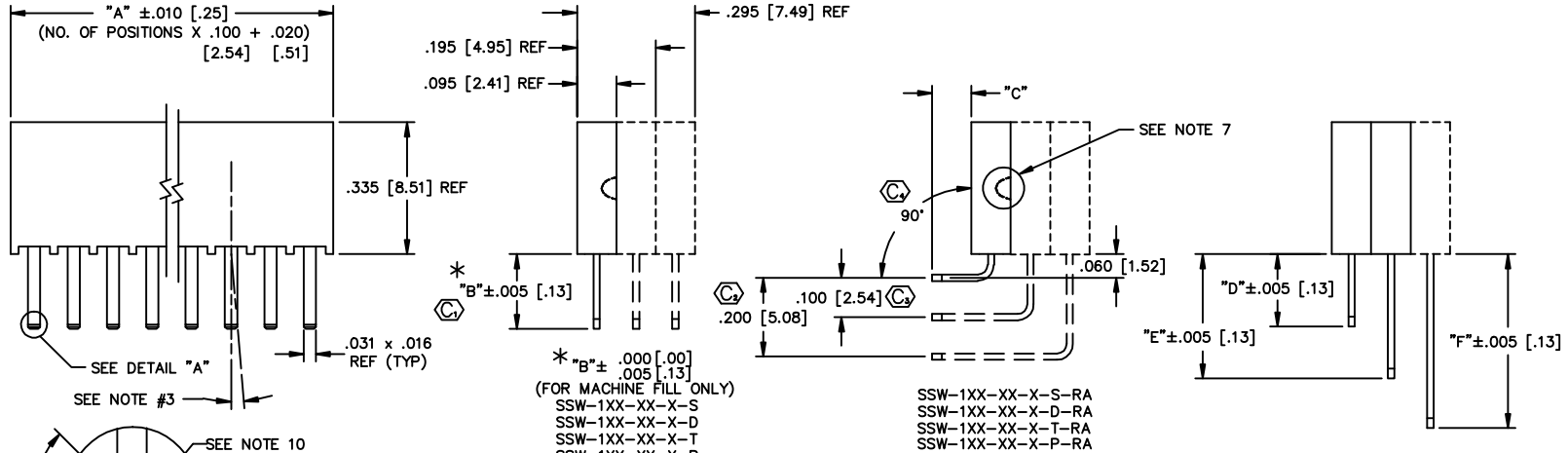


FIG. 1

- NOTES
- CONTACT PUSHOUT FORCE: 1.5 lbs. MIN.
 - MAX ALLOWABLE BOW: .003 INCH/INCH.
 - MAX ALLOWABLE SWAY: 2" (TYP) FOR HAND FILL & 1" (TYP) FOR MACHINE FILL.
 - MAX ALLOWABLE VARIATION BETWEEN PIN ROWS: .010
 - "END WALLS" AFTER CUTTING SHOULD BE .020±.003.
 - (C) REPRESENTS CRITICAL DIMENSION.
 - NOTCH ON -P-RA OPTION TO BE ORIENTED AS SHOWN.
 - MAX CUT FLASH: .015 WITH NO FLASH BELOW STANDOFFS OR IN CONTACT HOLES.
 - SHEAR LOCATION TO BE WITHIN .001" [.03] OF THE BREAK OFF CENTER LOCATION.
 - SHEAR LOCATION TO BE WITHIN .001" [.03] OF THE BREAK OFF CENTER LOCATION FOR MACHINE FILL.

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]

TABLE 2

CONTACT	"B"		"C" REF		
	-S(-RA), -D, -T	-S-RA	-D-RA	-T-RA	
-01, -21	.104 [2.64]	N/A	N/A	N/A	
-02, -22	.194 [4.93]	.100 [2.54]	.100 [2.54]	.100 [2.54]	
-03, -23	.394 [10.01]	.300 [7.62]	.300 [7.62]		
-04, -24	.584 [14.83]	.490 [12.45]	N/A	N/A	
-06	.124 [3.15]	N/A	N/A	N/A	

MATERIAL:

INSULATORS:
 FLAMMABILITY RATING UL94 V-0
 SINGLE
 PRIMARY MATERIAL: LCP
 COLOR: BLACK

TRIPLE ROW MATERIAL: PCT
 COLOR: BLACK

TERMINAL:
 PHOSPHOR BRONZE, SPRING TEMPER, ALLOY 511 OR 510
 (TENSILE STRENGTH 90-100 KSI)
 (YIELD STRENGTH @ 2% OFFSET 88-98 KSI) PER MIL-B-13501
 THICKNESS: .0250±.001 [.635±.03]

ESMPROD/ASSEMBLY/000
SSW-ADM

Samtec

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MADE BY: PURVIS 6-12-87

SSW-1XX-XX-XXX-X-XX-XX-XX
 SHEET 1 OF 2

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