

REVISION BH

DO NOT SCALE FROM THIS PRINT

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE:	ASSEMBLY, SOCKET STRIP .016 X .031 TAIL [.41] [.79]	DWG NO:	SSW-1XX-XX-XXX-X-XX-XX-XX SHEET 1 OF 2
ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .005 [1.3]	ANGLES	± 2°	TWO PLACE DECIMALS ± .01 [2.5]	FOUR PLACE DECIMALS ±				

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

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)

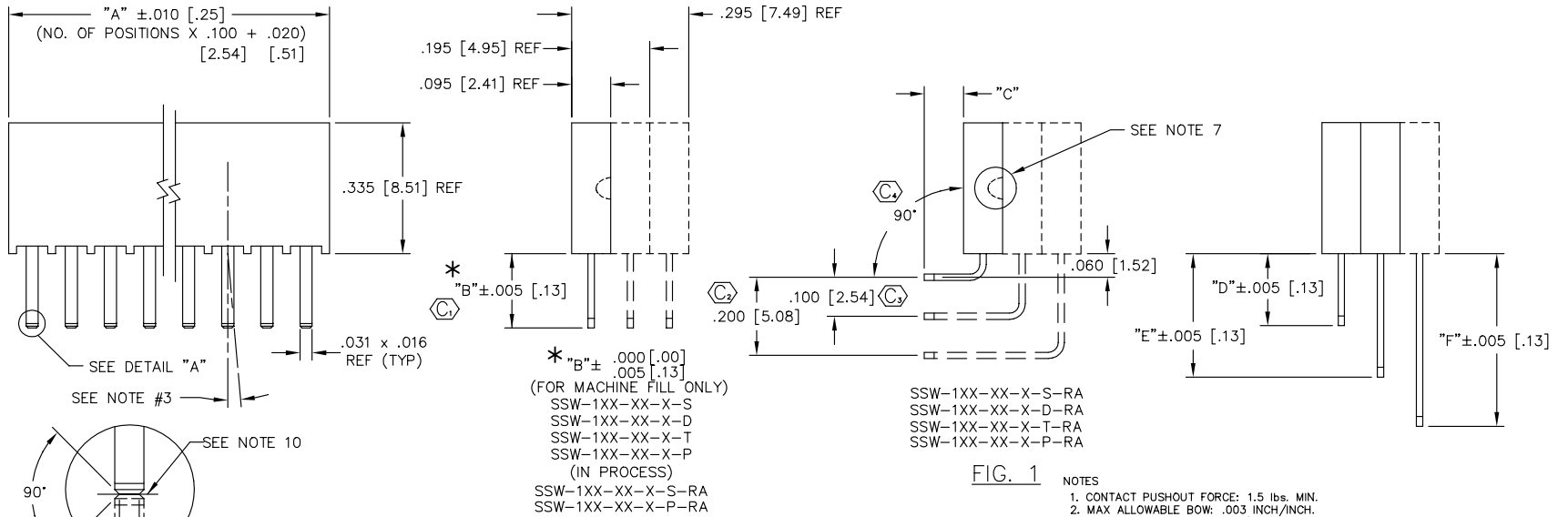


FIG. 1

- 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.

DETAIL "A"

	IN-PROCESS	"D"	"E"	"F"
SSW-1XX-02-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]	N/A	
-04, -24	.584 [14.83]	.490 [12.45]	N/A	N/A	
-06	.124 [3.15]	N/A	N/A	N/A	

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

DOUBLE
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 Ø 2% OFFSET
88-98 KSI) PER MIL-B-13501
THICKNESS: .0250±.001 [.635±.03]

EXSPROD ASSEMBLY Y100
SSW-ASM

samtec

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MADE BY: PURVIS 6-12-87

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