

TABLE 1 CONTACT SPECIFICATION				
-XX	-S, -D, -T	-S-RA	-D-RA	-T-RA
-01	C-15-1-X	N/A	N/A	N/A
-02	C-15-2-X	C-15-2-X	C-15-2-X C-15-3-X	C-15-2-X C-15-3-X C-15-4-X
-03	C-15-3-X	C-15-3-X	C-15-3-X C-15-4-X	N/A
-04	C-15-4-X	C-15-4-X	N/A	N/A
-21	C-60-1-X	N/A	N/A	N/A
-22	C-60-2-X	C-60-2-X	C-60-2-X C-60-3-X	C-60-2-X C-60-3-X C-60-4-X
-23	C-60-3-X	C-60-3-X	C-60-3-X C-60-4-X	N/A
-24	C-60-4-X	C-60-4-X	N/A	N/A

UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES TOLERANCES ARE:

ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .005 [.13]	ANGLES ± 2°
TWO PLACE DECIMALS ± .01 [.25]	FOUR PLACE DECIMALS ±	

TITLE: ASSEMBLY, SOCKET STRIP
.025 [.64] SQ. TAIL

DWG NO: SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 1 OF 3

SSQ-1XX-XX-XX-X-XX-XXX-XX-XX

BODY LENGTH SPEC
-01 THRU -50
("A" = XX/10 + .020 [.51])

CONTACT SPECIFICATION
(SEE TABLE 1)
-01 THRU -04 (STANDARD INSERTION FORCE)
-21 THRU -24 (LOW INSERTION FORCE)

PLATING SPECIFICATION
-G: GOLD- SPECIFY -G IN CONTACT SUFFIX -XX
-T: TIN- SPECIFY -T IN CONTACT SUFFIX -XX
(NOT AVAILABLE FOR -21 THROUGH -24 LEAD STYLES)
-S: SELECTIVE (HEAVY GOLD)-SPECIFY -S IN CONTACT SUFFIX -XX
-H: HEAVY GOLD- SPECIFY -H IN CONTACT SUFFIX -XX
-F: FLASH GOLD SELECTIVE (SEE PP-C-15-X-F)
-TL: TIN/LEAD -SPECIFY -TL IN TERMINAL SUFFIX -XX
(AVAILABLE ONLY ON LEAD STYLES -01.)
-TM: MATTE TIN, SPECIFY -T IN CONTACT SUFFIX -X
-SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL, SPECIFY -S IN CONTACT SUFFIX -X
-FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -F IN CONTACT SUFFIX -X

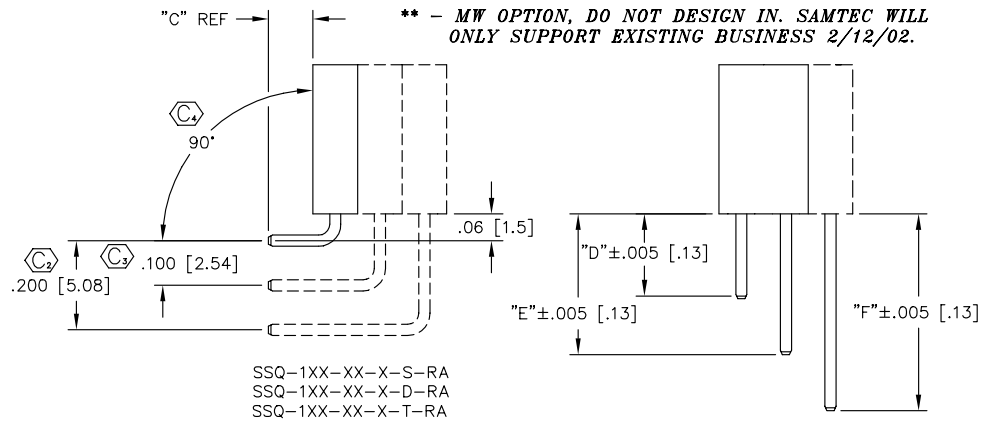
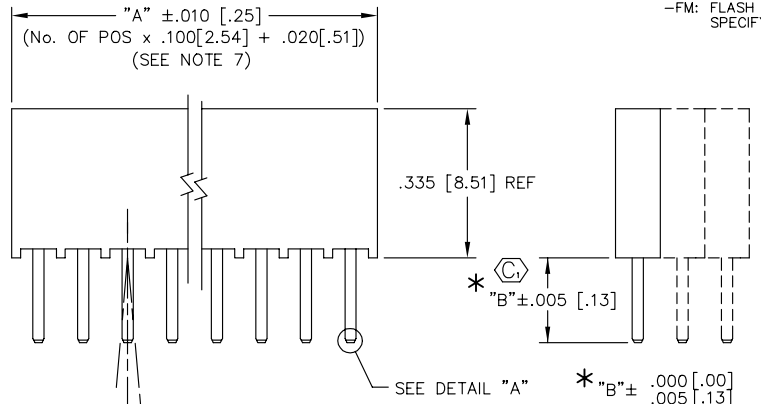
OPTION
** -MW: METAL WASHER (SEE FIG. 4, SHT 3)
(N/A WITH -LL OR -RA)(N/A ON TRIPLE ROW)
(AVAIL. ON 01, 02, 21 & 22 STYLES ONLY)
(AVAIL. ON POS. -02 THRU -30 ONLY)

OPTION
-LL: LOCKING LEAD (SEE FIG. 2, SHT 2)
(N/A IN SINGLE ROW, 1 OR 2 POS)

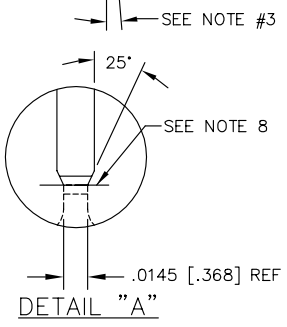
POLARIZING OPTION
INDICATE POS- SEE FIG. 3 SHT. 3

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

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



DO NOT SCALE FROM THIS PRINT



* "B" ± .000 [.00] / ± .005 [.13]
(FOR MACHINE FILL ONLY)
SSQ-1XX-XX-X-S
SSQ-1XX-XX-X-D
SSQ-1XX-XX-X-T
(IN PROCESS)
SSQ-1XX-XX-X-S-RA

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

CONTACT	TABLE 2			
	"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

FIG. 1

- NOTES:
- CONTACT PUSHOUT FORCE: 1.5 lbs. MIN.
 - MAX ALLOWABLE BOW: .003 [.08] INCH/INCH.
 - MAX ALLOWABLE SWAY: 4° IN THE SAME DIRECTION FOR HAND FILL & 1° EITHER DIRECTION FOR MACHINE FILL.
 - MAX ALLOWABLE VARIATION BETWEEN PIN ROWS: .010 [.25].
 - "END WALLS" AFTER CUTTING SHOULD BE .020±.003 [.51±.08].
 - (⊗) REPRESENTS CRITICAL DIMENSION
 - FLASH FROM THE CUT SHALL NOT EXCEED .010" [.25]. NO FLASH IS ALLOWED BELOW LEADS OR IN HOLES OF BODY.
 - SHEAR LOCATION TO BE WITHIN .001" [.03] OF THE BREAK OFF CENTER LOCATION FOR MACHINE FILL.

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MATERIAL:
INSULATOR:
PRIMARY MATERIAL: LCP
ALTERNATE MATERIAL: HIGH TEMPERATURE THERMOPLASTIC
COLOR: BLACK

TERMINAL:
PHOSPHOR BRONZE

EXISPROD\ASSEMBLY\100
SSQ-ASM

samtec

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CODE 55322

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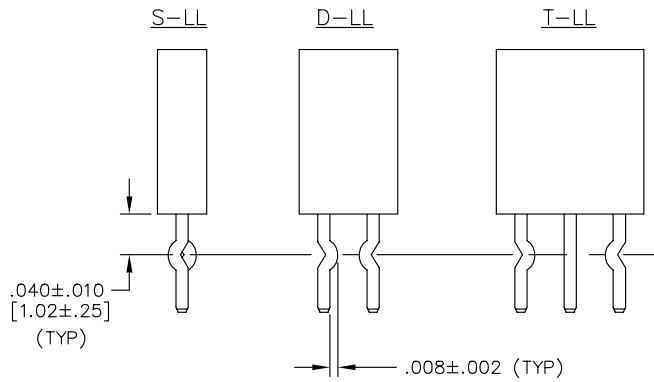
SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 1 OF 3

FIG. 2
-LL: LOCKING LEAD OPTION

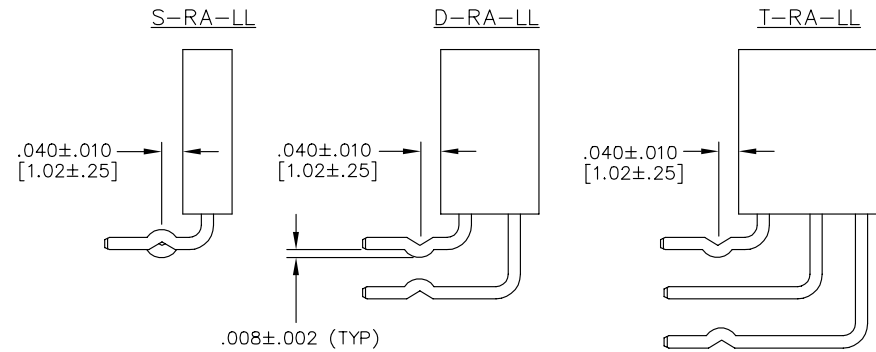
DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:
ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .010 [.25]	ANGLES ± 2°	
TWO PLACE DECIMALS ±	FOUR PLACE DECIMALS ± .0050 [.127]		

TITLE: ASSEMBLY,
SOCKET STRIP
.025 [.64] SQ. TAIL

DWG NO:
SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 2 OF 3

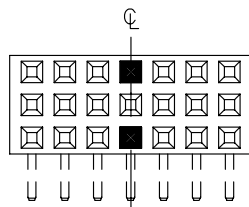


STRAIGHT VERSION

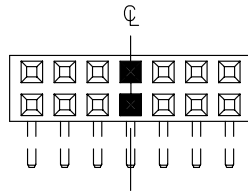


RIGHT ANGLE VERSION

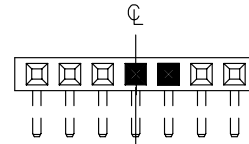
CRIMP LOCATION
(STRAIGHT & RA VERSIONS)



TRIPLES:

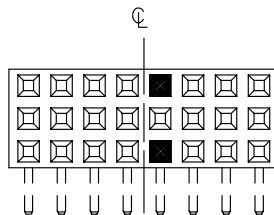


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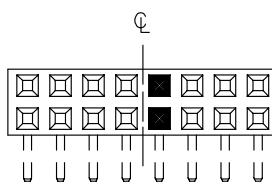


SINGLES:

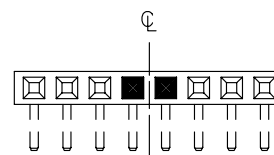
■ = CRIMP LOCATION
ODD POSITIONS



TRIPLES:



DOUBLES:



SINGLES:

■ = CRIMP LOCATION
EVEN POSITIONS

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PLOT SCALE: 1 = .2

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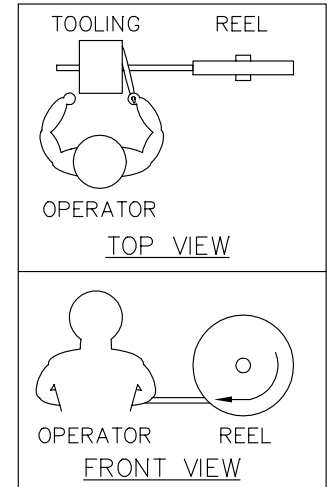
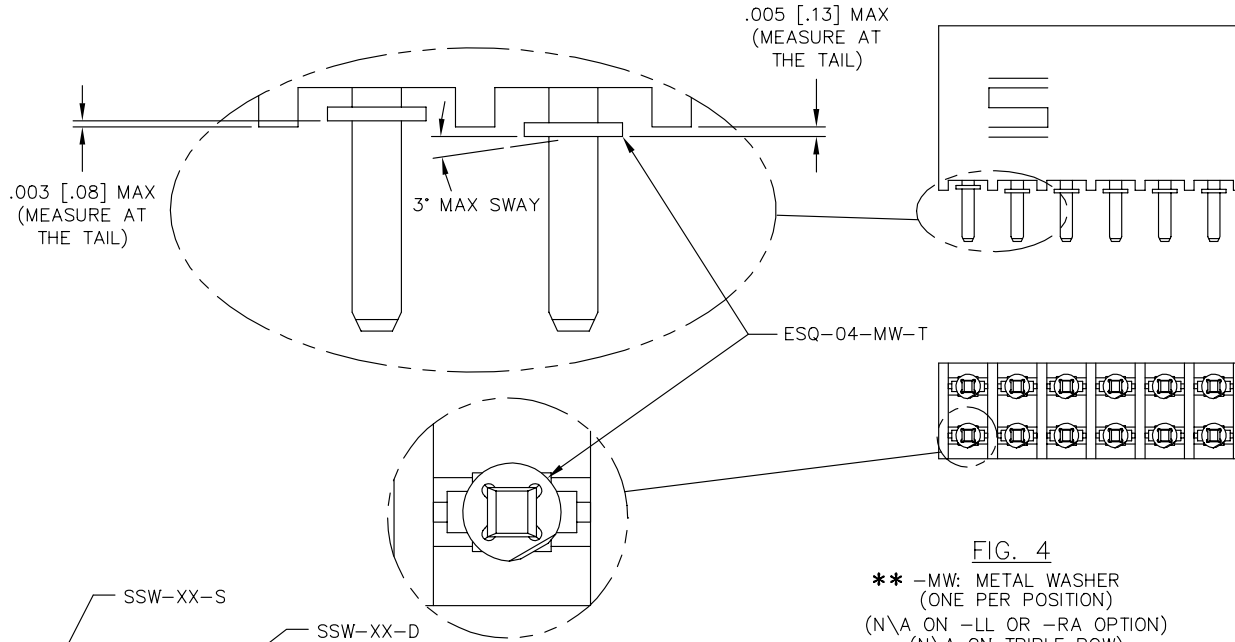
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SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 2 OF 3

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	
TOLERANCES ARE:		ANGLES	
ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .010 [.25]	± 2°	
TWO PLACE DECIMALS ±	FOUR PLACE DECIMALS ± .0050 [.127]		

TITLE: ASSEMBLY,
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.025 [.64] SQ. TAIL

DWG NO:
SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 3 OF 3



WASHER REEL ASSEMBLY ORIENTATION VIEW

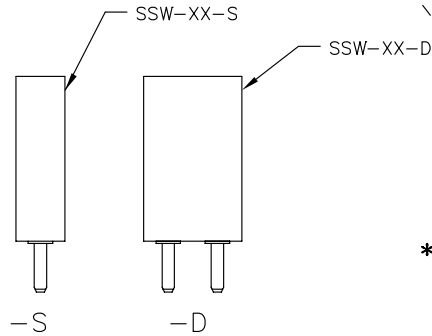
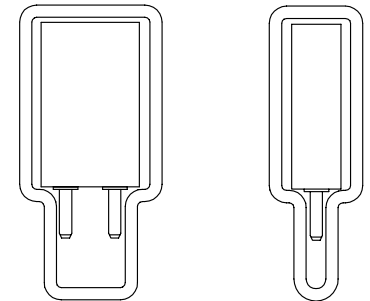


FIG. 4
** -MW: METAL WASHER
(ONE PER POSITION)
(N/A ON -LL OR -RA OPTION)
(N/A ON TRIPLE ROW)
(STYLES -01,-02,-21 AND -22 ONLY)
(AVAILABLE ON POS. -02 THRU -30 ONLY)

**** - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/12/02.**

FOR MEDAL WASHER OPTION ONLY
USE TUBE- PT-1-24-02-53 FOR DOUBLE
USE TUBE- PT-1-24-01-53 FOR SINGLE



PLOT SCALE: 1 = .2

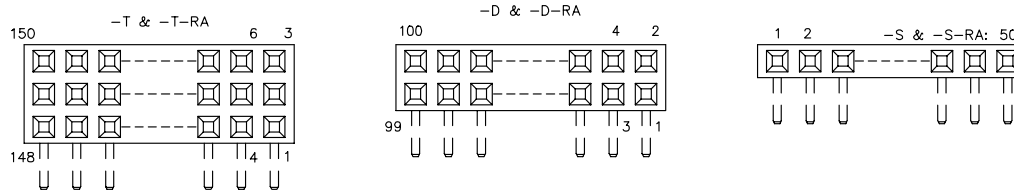


FIG. 3
POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS
AND BREAK OFF TAB

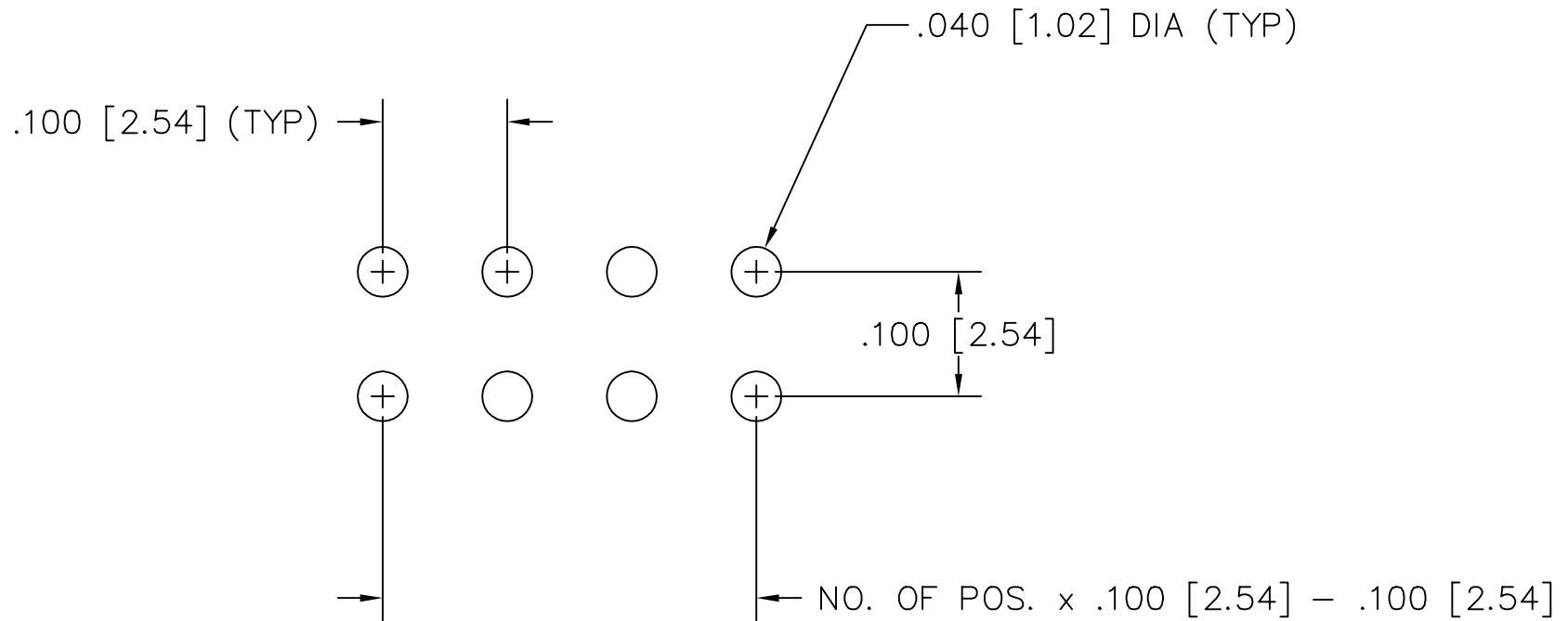
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SHEET 3 OF 3

RECOMMENDED P.C. BOARD LAYOUT FOR SSQ (DOUBLE)



11-14-94

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SSQ-D

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PLOT SCALE: 1 = .1