

DO NOT SCALE FROM THIS PRINT

TABLE 1
CONTACT SPECIFICATION

| | -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-15-2-X |
| | | | C-15-3-X | C-15-3-X |
| | | | C-15-4-X | N/A |
| -03 | C-15-3-X | C-15-3-X | C-15-3-X | N/A |
| | | | 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-60-2-X |
| | | | C-60-3-X | C-60-3-X |
| | | | C-60-4-X | C-60-4-X |
| -23 | C-60-3-X | C-60-3-X | C-60-3-X | N/A |
| | | | 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-XXX-X-XX-XXX-XX-XX
 SHEET 1 OF 3

SSQ-1XX-XX-XXX-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), MATTE IN TAIL- SPECIFY -S IN CONTACT SUFFIX -XX
-H: HEAVY GOLD- SPECIFY -H IN CONTACT SUFFIX -XX
-F: FLASH GOLD SELECTIVE, MATTE TIN TAIL (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
-L: LIGHT GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -L IN CONTACT SUFFIX -X
-STL: SELECTIVE GOLD, TIN LEAD TAIL (AVAILABLE ONLY ON LEAD STYLES -01.)

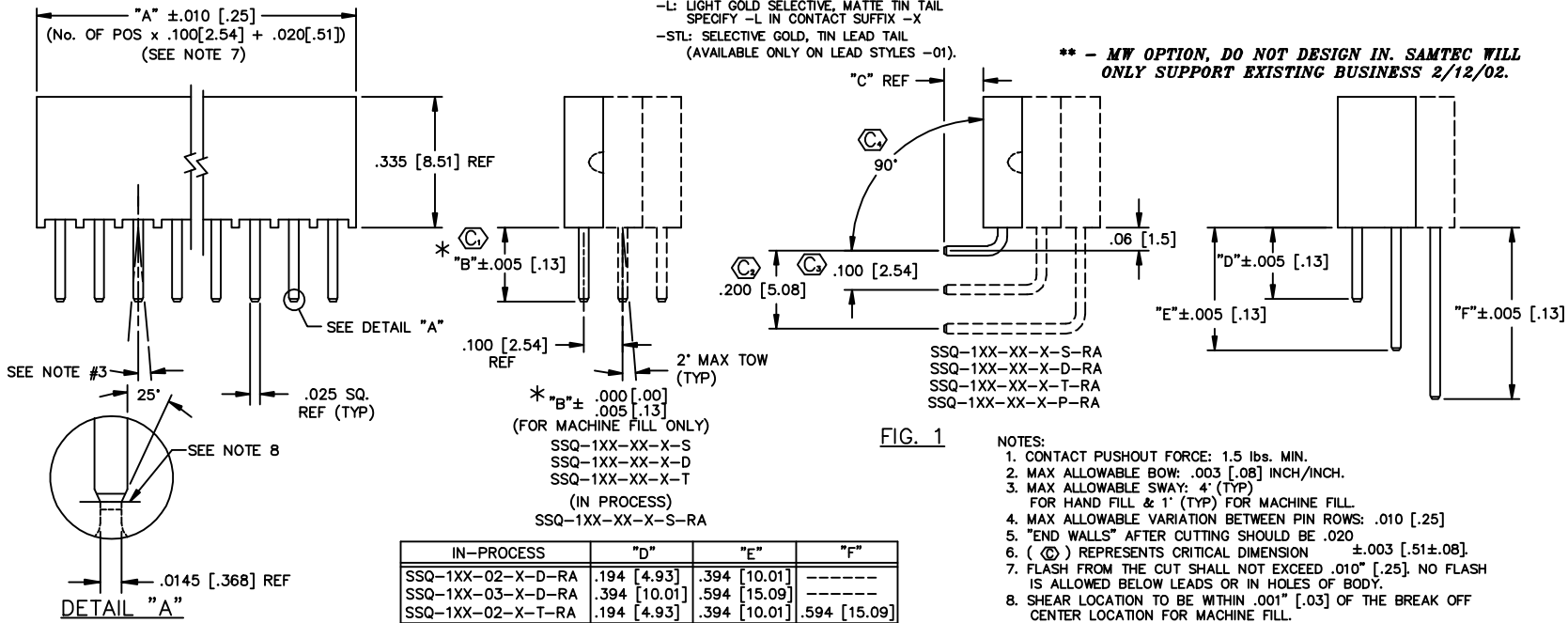
OPTION
** -MW: METAL WASHER (SEE FIG. 4, SHT 3)
(N/A WITH -LL OR -RA)(N/A ON TRIPLE ROW)
(AVAIL. ON 01, 02, 21 & 22 STYLES ONLY)
(AVAIL. ON POS. -02 THRU -30 ONLY)

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



- NOTES:**
- CONTACT PUSHOUT FORCE: 1.5 lbs. MIN.
 - MAX ALLOWABLE BOW: .003 [.08] INCH/INCH.
 - MAX ALLOWABLE SWAY: 4' (TYP) FOR HAND FILL & 1' (TYP) FOR MACHINE FILL.
 - MAX ALLOWABLE VARIATION BETWEEN PIN ROWS: .010 [.25]
 - "END WALLS" AFTER CUTTING SHOULD BE .020
 - (⊙) REPRESENTS CRITICAL DIMENSION ±.003 [.51±.08]
 - 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.
 - NOTCH ON -P-RA OPTION TO BE ORIENTED AS SHOWN.

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 |

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MATERIAL:
 INSULATOR:
 PRIMARY MATERIAL: LCP
 COLOR: BLACK

TERMINAL:
 PHOSPHOR BRONZE

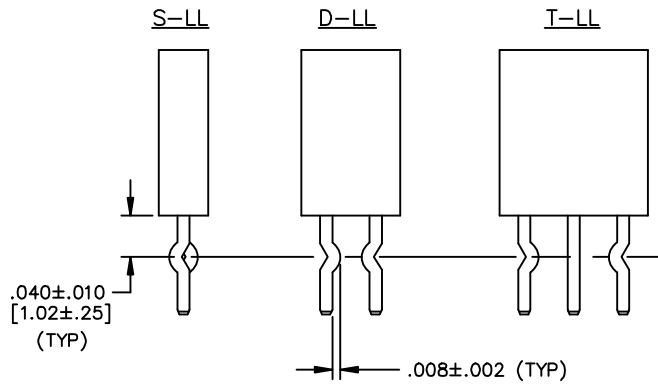
EXISPROO\ASSEMBLY\100 SSQ-ASM

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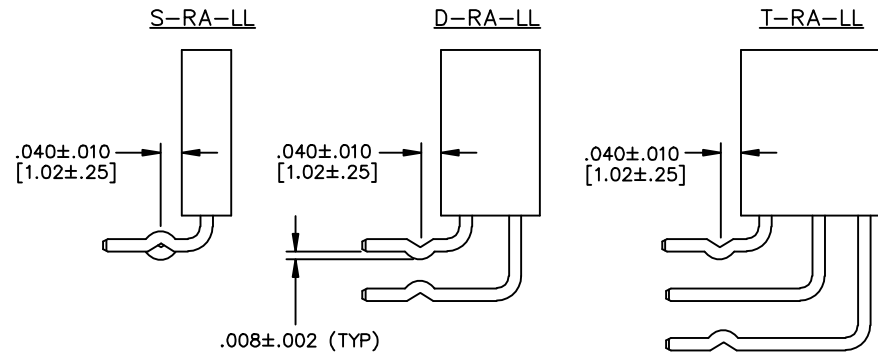
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 PHONE (812) 944-6733 P.O. BOX 1147
 CODE 55322

MADE BY: PURVIS 6-12-87

| | | | | | |
|--------------------------|----------------------|-----------------------------------|------------------------------------|---|--|
| DIMENSIONS ARE IN INCHES | | UNLESS OTHERWISE NOTED | TOLERANCES ARE: | TITLE: ASSEMBLY, SOCKET STRIP .025 [.64] SQ. TAIL | DWG NO: SSQ-1XX-XX-XXX-X-XX-XXX-XX-XX |
| ONE PLACE DECIMALS ± | TWO PLACE DECIMALS ± | THREE PLACE DECIMALS ± .010 [.25] | FOUR PLACE DECIMALS ± .0050 [.127] | ANGLES ± 2° | SHEET 2 OF 3 |

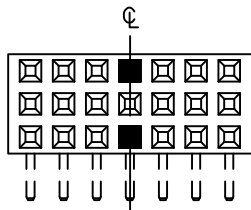


STRAIGHT VERSION

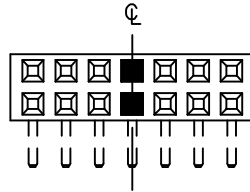


RIGHT ANGLE VERSION

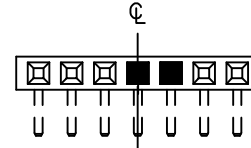
CRIMP LOCATION
(STRAIGHT & RA VERSIONS)



TRIPLES:

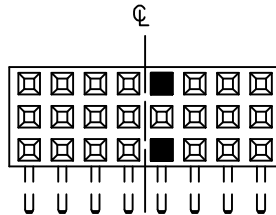


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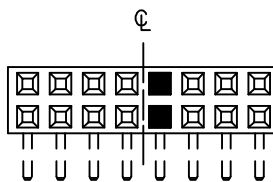


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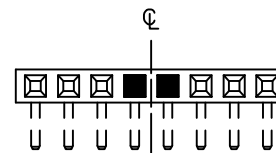
■ = CRIMP LOCATION
ODD POSITIONS



TRIPLES:



DOUBLES:



SINGLES:

■ = CRIMP LOCATION
EVEN POSITIONS

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PLOT SCALE: 1 = .2

EXISPROD\ASSEMBLY\100
SSQ-ASM2

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

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

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

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

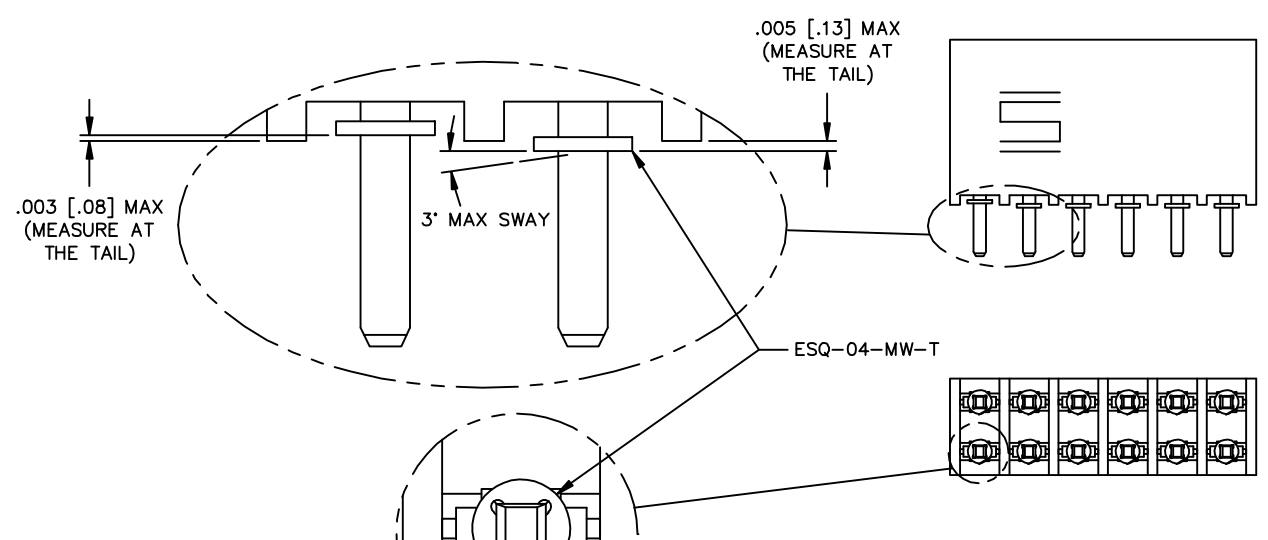
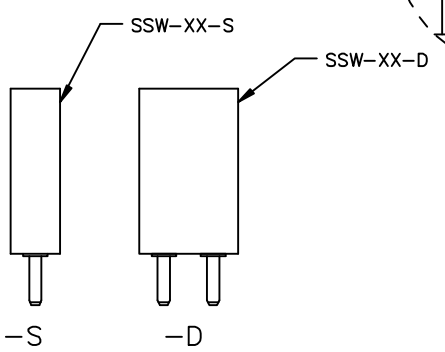
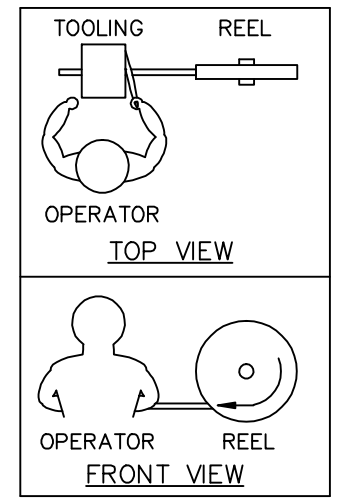


FIG. 4
**** -MW: METAL WASHER (ONE PER POSITION)**
 (N/A ON -LL OR -RA OPTION)
 (N/A ON TRIPLE ROW)
 (STYLES -01, -02, -21 AND -22 ONLY)
 (AVAILABLE ON POS. -02 THRU -30 ONLY)

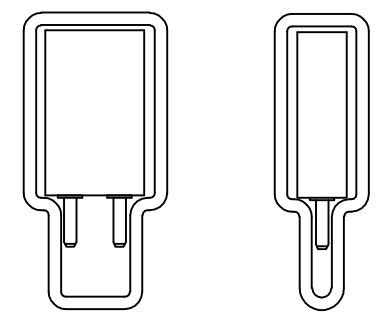


**** - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/12/02.**



WASHER REEL ASSEMBLY ORIENTATION VIEW

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

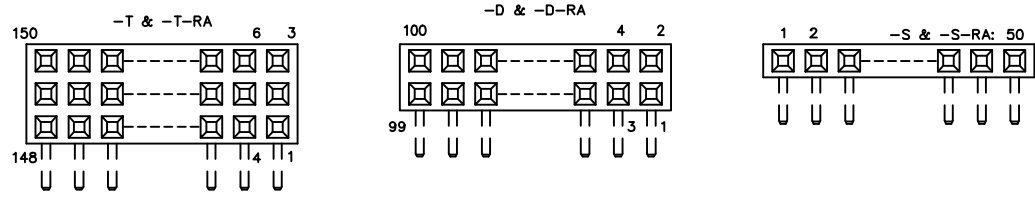


FIG. 3
POLARIZATION LOCATION
 INSERT PK-06-N INTO SPECIFIED POS
 AND BREAK OFF TAB

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