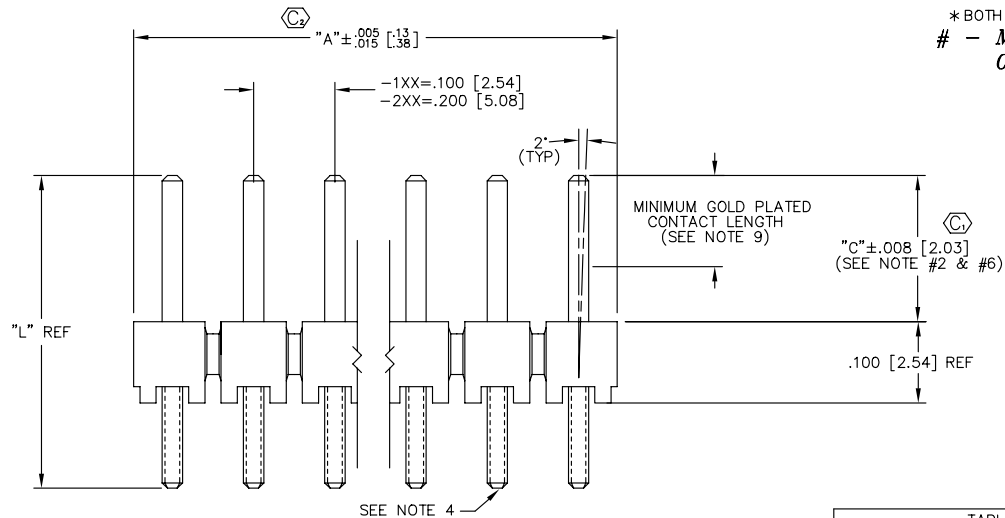


TABLE 1  
TERMINAL SPECIFICATIONS

| TERMINAL SPEC | PIN #1         | "L"           | PIN #2 (2)    | PIN #3            | "C"                |
|---------------|----------------|---------------|---------------|-------------------|--------------------|
| -05(3)        | T-1S6-21-XX-2  | .335 [8.51]   | N/A           | N/A               | .105 [2.67] (5)    |
| -06(3)        | T-1S6-18-XX-2  | .300 [7.62]   | N/A           | N/A               | .105 [2.67] (5)    |
| -07(3)        | T-1S6-07-XX-2  | .430 [10.92]  | N/A           | N/A               | .230 [5.84] (5)    |
| -08(4)        | T-1S6-08-XX-2  | .530 [13.46]  | T-1S6-09-XX-2 | T-1S6-11-XX-2 (7) | .230 [5.84] (5)(6) |
| -09           | T-1S6-09-XX-2  | .730 [18.54]  | T-1S6-11-XX-2 | T-1S6-20-XX-2     | .230 [5.84] (6)    |
| -10           | T-1S6-10-XX-2  | .830 [21.08]  | T-1S6-12-XX-2 | T-1S6-13-XX-2     | .230 [5.84]        |
| -11           | T-1S6-11-XX-2  | .930 [23.62]  | T-1S6-20-XX-2 | T-1S6-19-XX-2     | .230 [5.84]        |
| -12           | T-1S6-12-XX-2  | 1.030 [26.16] | T-1S6-13-XX-2 | T-1S6-14-XX-2     | .230 [5.84]        |
| -13           | T-1S6-13-XX-2  | 1.230 [31.24] | T-1S6-14-XX-2 | N/A               | .230 [5.84]        |
| -14(3)        | T-1S6-08-XX-2  | .530 [13.46]  | N/A           | N/A               | .320 [8.13] (5)    |
| -15(3)        | T-1S6-09-XX-2  | .730 [18.54]  | N/A           | N/A               | .520 [13.20] (5)   |
| -16           | T-1S6-09-XX-2  | .730 [18.54]  | T-1S6-11-XX-2 | T-1S6-20-XX-2     | .320 [8.13] (5)(6) |
| -17(3)        | T-1S6-10-XX-2  | .830 [21.08]  | N/A           | N/A               | .620 [15.75] (5)   |
| -18(3)        | T-1S6-11-XX-2  | .930 [23.62]  | N/A           | N/A               | .720 [18.29] (5)   |
| -19(3)        | T-1S6-12-XX-2  | 1.030 [26.16] | N/A           | N/A               | .820 [20.83] (5)   |
| -20(3)        | T-1S6-13-XX-2  | 1.230 [31.24] | N/A           | N/A               | 1.020 [25.91] (5)  |
| -21           | T-1S6-14-XX-2  | 1.430 [36.62] | N/A           | N/A               | 1.220 [30.99] (5)  |
| -21(1)        | T-1S6-14-XX-2  | 1.430 [36.62] | N/A           | N/A               | .230 [5.84]        |
| -22           | T-1S6-15-XX-2  | .630 [16.00]  | T-1S6-10-XX-2 | T-1S6-12-XX-2     | .230 [5.84] (5)(6) |
| -23(3)        | T-1S6-16-XX-2  | .445 [11.30]  | N/A           | N/A               | .230 [5.84] (5)    |
| -24(3)        | T-1S6-17-XX-2  | .480 [12.19]  | N/A           | N/A               | .265 [6.73] (5)    |
| -25(4)        | T-1S6-15-XX-2  | .630 [16.00]  | T-1S6-10-XX-2 | T-1S6-12-XX-2     | .320 [8.13] (5)(6) |
| -26(3)        | T-1RS7-01-XX-2 | .456 [11.58]  | N/A           | N/A               | .230 [5.84]        |
| -27           | T-1S6-19-XX-2  | 1.330 [33.78] | N/A           | N/A               | .230 [5.84]        |
| -28           | T-1S6-20-XX-2  | 1.130 [28.70] | T-1S6-19-XX-2 | N/A               | .230 [5.84]        |
| -29(4)        | T-1S6-19-XX-2  | 1.330 [33.78] | N/A           | N/A               | .320 [8.13]        |
| -30(4)        | T-1S6-20-XX-2  | 1.130 [28.70] | T-1S6-19-XX-2 | N/A               | .320 [8.13]        |
| -41           | T-1S6-25-XX-2  | .365 [9.27]   | N/A           | N/A               | .230 [5.84]        |
| -42           | T-1S6-26-XX-2  | .470 [11.94]  | N/A           | N/A               | .320 [8.13]        |

- (1) WITH -RA or -RE OPTION (4) NOT AVAILABLE IN -RE OPTION.  
 (2) OMIT WITH -O ROW SPECIFICATION (5) AVAILABLE IN -LL OPTION.  
 (3) NOT AVAILABLE IN -RA OR -RE OPTION. (6) AVAILABLE IN -LA OPTION.  
 (7) ON STYLE -08 -RA & -LA OPTIONS ONLY; 'C' = .230±.008 [5.84±.08].



- NOTES:  
 1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.  
 2. HEIGHT VARIATION BETWEEN A PIN AND ANY ADJACENT PIN SHALL BE .005 [0.13] MAX (R/A, TAIL N/A).  
 3. ASSEMBLE GOLD PLATE END AS SHOWN.  
 4. TERMINAL SPEC. STYLE -26 (T-1RS7-01-X-2): ROUND END TO APPEAR ON BOTTOM.  
 5. .005 [0.13] MAX. ALLOWABLE FLASH AFTER REMOVAL OF CROSS-BARS.  
 6. ((C)) REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.  
 7. C±.008 [0.20] FOR STYLE -08, OPTIONS -RA & -LA ONLY.  
 8. TOW & SWAY SPEC. OF 2° APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.  
 9. .165 [4.19] REF. EXCEPT PINS -18, -21 & 25 ARE .050 [1.27] REF.  
 10. CRIMP TWO PINS CLOSEST TO CENTER OF THE PART IF THERE IS A POLARIZED POSITION IN THE MIDDLE/CENTER.  
 11. NOTE DELETED.

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UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 DIMENSIONS ARE IN INCHES  
 ONE PLACE DECIMALS ± .1 [2.54] THREE PLACE DECIMALS ± .005 [.13] ANGLES ± 2°  
 TWO PLACE DECIMALS ± .01 [.25] FOUR PLACE DECIMALS ± .0020 [.051]

TITLE: ASSEMBLY, .025 SQ. POST HI-TEMP TERMINAL STRIP  
 DWG NO: HTSW-XXX-XX-XXX-X-XX-XX-XX  
 SHEET 1 OF 3

HTSW-XXX-XX-XXX-X-XX-XX-XX

TERMINAL SPACE SPEC. (SEE ASSEMBLY INSTR.)  
 -1= .100 [2.54] (FILL EVERY POS.)  
 -2= .200 [5.08] (FILL E/O POS. STARTING W/ 1st & ENDING W/ LAST POS. IN BODY)

OPTION #3  
 # \* -MW: METAL WASHER (STRAIGHT TAIL OPTION ONLY) (AVAILABLE ON 05, 06, 07, 08, 16, 17, 18, 22, 23, 24, 25, 41 & 42 LEAD STYLES ONLY) (2 POS. MIN, 30 POS. MAX)(SEE FIG. 3, SHT. 3)

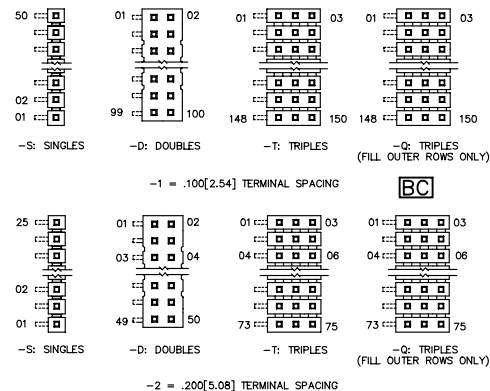
OPTION #2  
 -POLARIZING SPECIFICATION  
 XXX INDICATES POS. TO BE OMITTED (SEE FIG. 1) (WITH -LA & -LC OPTION SEE NOTE 10)

OPTION #1  
 -BLANK= STRAIGHT  
 -RA= RIGHT ANGLE (SEE TABLE 3, FIG. 3) (-S-RA & -D-RA AVAILABLE IN 36 POSITION MAX)  
 -RE= EXTENDED RIGHT ANGLE (SEE TABLE 3, FIG. 3) (SINGLE ROW ONLY, AVAILABLE IN 36 POSITION MAX.)  
 -NA= RA OPTION WITH STRAIGHT OPTION BODY  
 -NE= RE OPTION WITH STRAIGHT OPTION BODY  
 -LC= LOCKING CLIP (USE LTC-01 FOR SGL. ROW AND LTC-02 FOR DBL. ROW)(STYLES 08 THRU 13 & 22 ONLY)  
 -LA= -RA OPTION WITH -LL OPTION (SEE FIG. 2 & 3) (N/A WITH -RE OPTION)  
 -LL= LOCKING LEAD (SEE FIG. 2) (N/A IN SINGLE ROW, 1 OR 2 POSITIONS)  
 -ROW SPECIFICATION (SEE TABLE #2)  
 -S: SINGLE  
 -D: DOUBLE  
 -T: TRIPLE  
 -Q: TRIPLE ROW, FILL OUTER ROWS ONLY

PLATING SPECIFICATIONS  
 -G: GOLD  
 -I: TIN  
 -S: SELECTIVE HEAVY GOLD  
 -H: HEAVY GOLD  
 -L: SELECTIVE LIGHT GOLD  
 -F: FLASH SELECTIVE GOLD  
 -P: GOLD FLASHED PALLADIUM NICKEL (N/A IN STYLES -05 & -06)  
 -E: EXTRA HEAVY GOLD (AVAILABLE IN STYLES -07, -08, -09 STRAIGHT) (-08 DOUBLE RIGHT ANGLE)  
 -TL: TIN/LEAD (AVAILABLE ONLY ON LEAD STYLES -07, -08 & -09)  
 -TM: MATTE TIN  
 -SM: HEAVY SELECTIVE GOLD, MATTE TIN TAIL  
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL  
 -FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL  
 -STL: HEAVY SELECTIVE GOLD, TIN / LEAD (93/7±5%)TAIL

TERMINAL SPECIFICATION SEE TABLE 1

\* BOTH THE -LC OPTION AND THE -MW OPTION MAY NOT BE ON THE SAME ASSEMBLY.  
 # - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/12/02.



POLARIZATION  
 (STRAIGHT & RA VERSIONS)  
 FIG. 1

TABLE 2  
BODY SPECIFICATION

| ROW/OPTION    | USE BODY        |
|---------------|-----------------|
| -S, -S-NA/-NE | HTSW-50-S-LCP   |
| -S-RA/-S-RE   | HTSW-50-SRA-LCP |
| -D, -D-NA/NE  | HTSW-50-D-LCP   |
| -D-RA         | HTSW-50-DRA-LCP |
| -T, -T-NA/-NE | HTSW-50-T-LCP   |
| -T-RA         | HTSW-50-TRA-LCP |
| -Q            | HTSW-50-Q-LCP   |

MATERIAL:  
 BODIES: LIQUID CRYSTAL POLYMER  
 COLOR: NATURAL  
 TERMINALS: PHOSPHOR BRONZE

EXISPROD/ASSEMBLY/100 HTSWASH1

**samtec**

520 PARK EAST BLVD., NEW ALBANY, INDIANA 47150  
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 CODE 55322

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

UNLESS OTHERWISE NOTED

|                                |                                    |                 |      |
|--------------------------------|------------------------------------|-----------------|------|
| DIMENSIONS ARE IN INCHES       |                                    | TOLERANCES ARE: |      |
| ONE PLACE DECIMALS ± .1 [2.54] | THREE PLACE DECIMALS ± .005 [.13]  | ANGLES          | ± 2° |
| TWO PLACE DECIMALS ± .01 [.25] | FOUR PLACE DECIMALS ± .0020 [.051] |                 |      |

TITLE: ASSEMBLY,  
.025 SQ. POST  
HI-TEMP  
TERMINAL STRIP

DWG NO:  
HTSW-XXX-XX-XXX-X-XX-XX-XX  
SHEET 2 OF 3

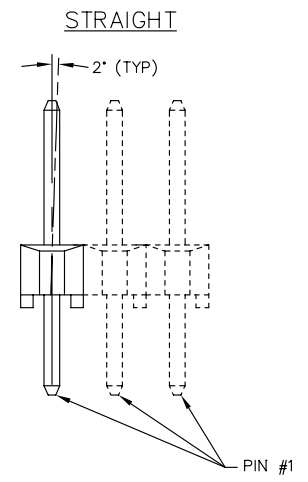
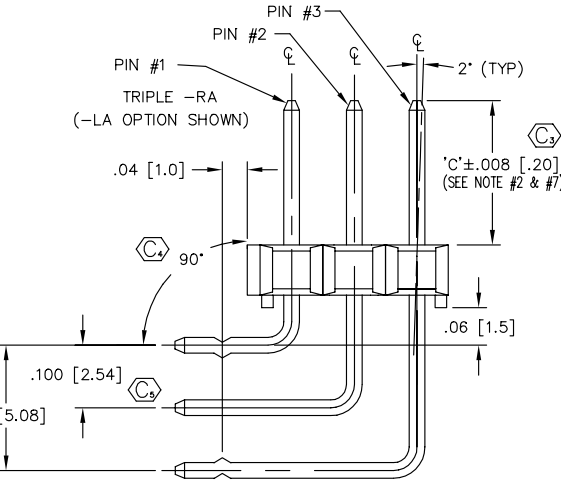
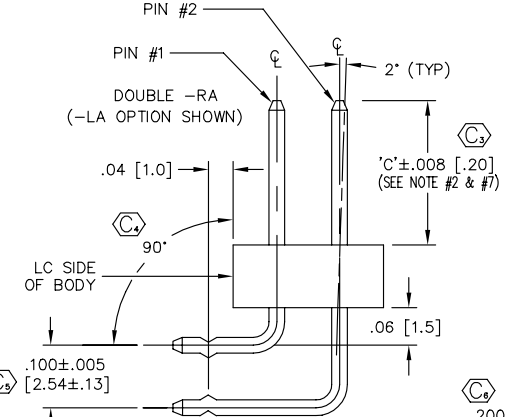
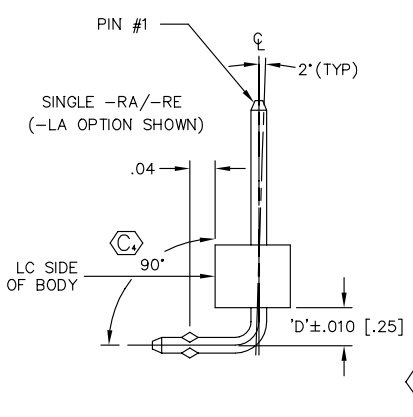
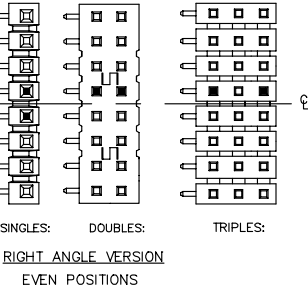
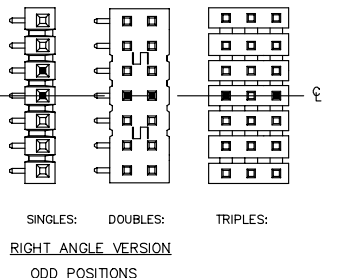
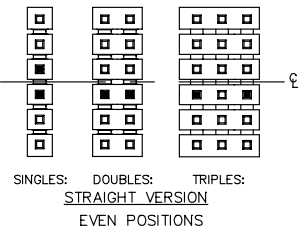
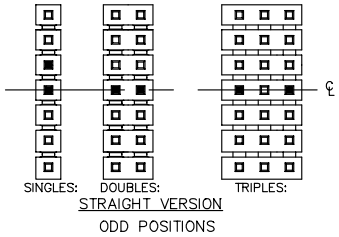


TABLE 3

|         |             |
|---------|-------------|
| -XX     | "D"         |
| -RA/-NA | .060 [1.52] |
| -RE/-NE | .160 [4.06] |

FIG. 3

(-LA OPTION IS SHOWN ON ALL RIGHT ANGLES FOR DIMENSIONAL AND LOCATION PURPOSES.)  
NOTE: END VIEWS SHOWN.



LOCKING LEAD

■ = CRIMP LOCATION

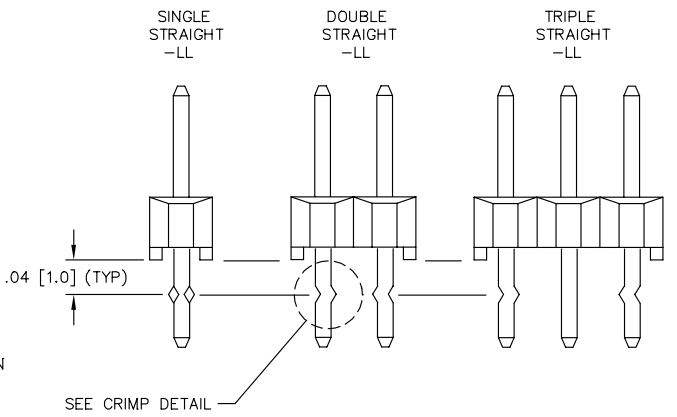
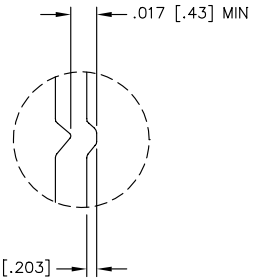


FIG. 2

LOCKING LEAD  
(NOTE: END VIEWS SHOWN.)



CRIMP DETAIL

SCALE: 2x  
[TYP - ALL CRIMPS]

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HTSWASM2

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CODE 55322

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HTSW-XXX-XX-XXX-X-XX-XX-XX  
SHEET 2 OF 3

REV. BD

FIG. 3

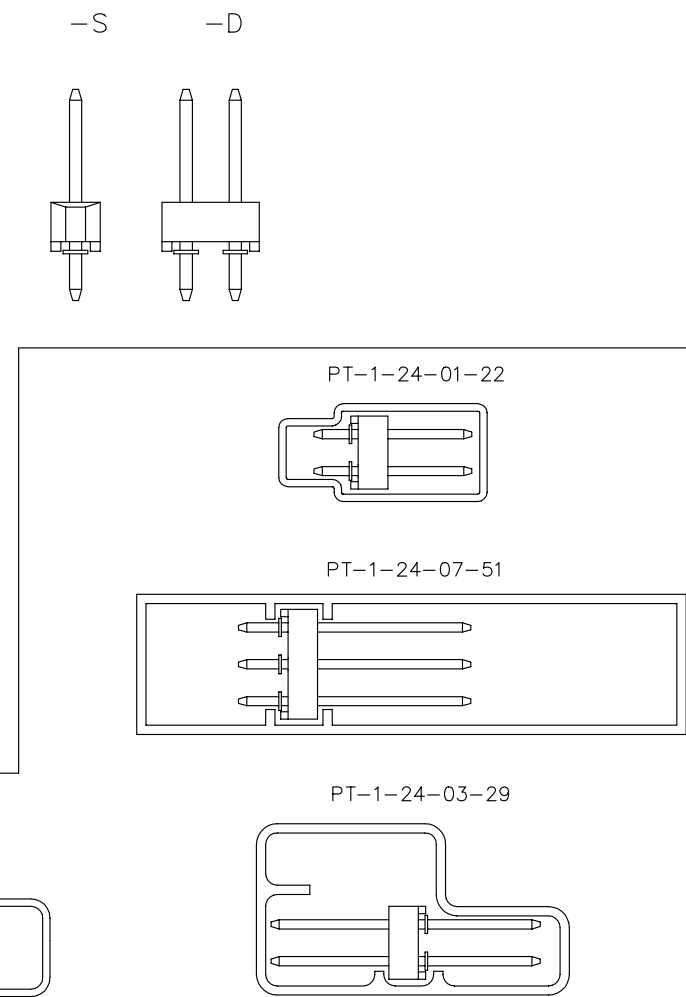
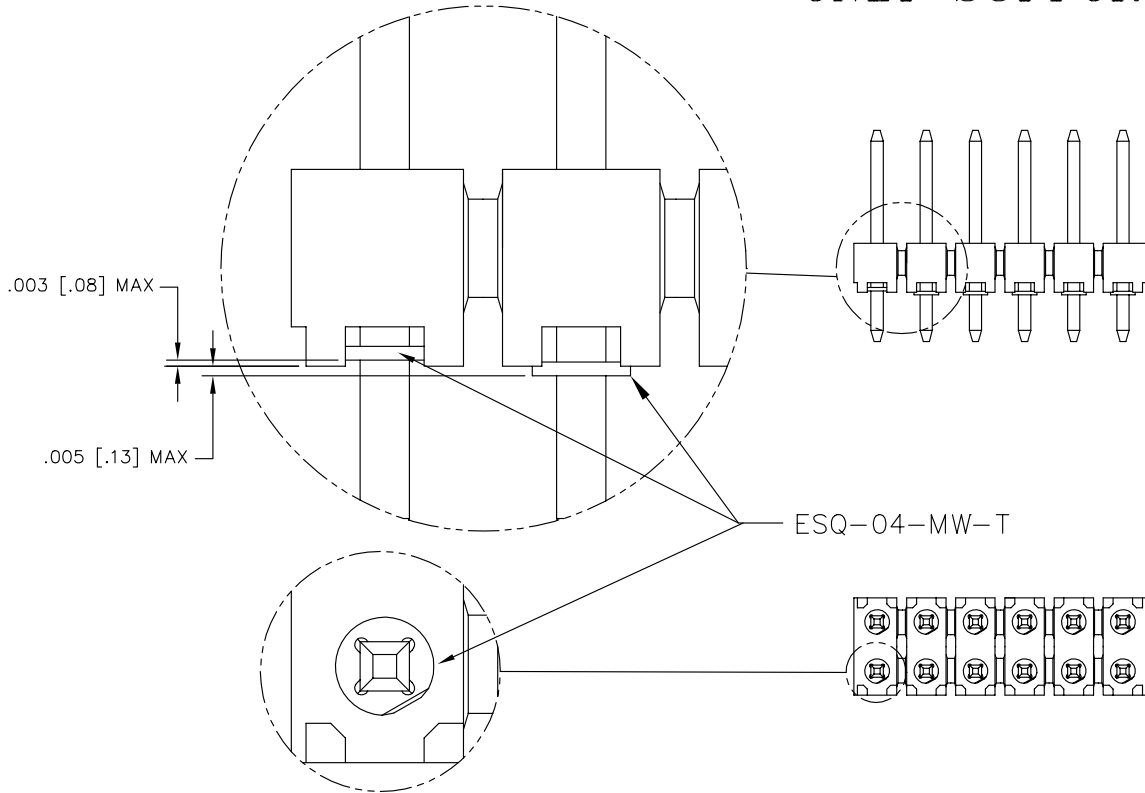
# -MW: METAL WASHER  
 (ONE PER POSITION)  
 (AVAILABLE ON STRAIGHT TAIL OPTION ONLY)  
 (AVAILABLE ON 05, 06, 07, 08, 16, 17, 18, 22, 23,  
 24 & 25 LEAD STYLES ONLY)  
 (30 POSITIONS PER ROW MAX)  
 (BOTH THE -MW OPTION AND THE -LC  
 OPTION MAY NOT BE ON THE SAME ASSEMBLY)

|                              |                                   |                        |      |                 |  |
|------------------------------|-----------------------------------|------------------------|------|-----------------|--|
| DIMENSIONS ARE IN INCHES     |                                   | UNLESS OTHERWISE NOTED |      | TOLERANCES ARE: |  |
| ONE PLACE DECIMALS ±.1[.25]  | THREE PLACE DECIMALS ± .005 [.13] | ANGLES                 | ± 2° |                 |  |
| TWO PLACE DECIMALS ±.01[.25] | FOUR PLACE DECIMALS ±.0020[.05]   |                        |      |                 |  |

TITLE: ASSEMBLY  
 .025 SQ. POST  
 HI-TEMP  
 TERMINAL STRIP

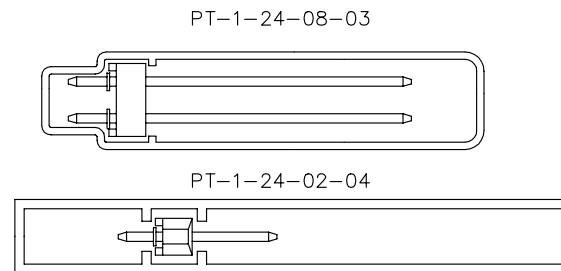
DWG NO:  
 HTSW-XXX-XX-XXX-X-XX-XX-XX  
 SHEET 3 OF 3

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



-MW OPTION ONLY

| SUFFIX  | BODY SPEC | TUBE          | PLUG     |
|---|-----------|---------------|----------|
| -XX   | -S        | PT-1-24-02-04 | TP-24    |
| -08<br>-16<br>-22<br>-25                      | -D        | PT-1-24-03-29 | TP-07    |
| -05<br>-17<br>-18<br>-23<br>-24<br>-41<br>-42 | -D        | PT-1-24-08-03 | TP-03    |
| -06   | -D        | PT-1-24-01-63 | TP-24-02 |
| -07   | -D        | PT-1-24-01-22 | TP-03    |
| -XX   | -T        | PT-1-24-07-51 | TP-13    |



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 SHEET 3 OF 3