

REVISION CW  
DO NOT SCALE FROM THIS PRINT

TABLE 1  
TERMINAL SPECIFICATIONS

TERMINAL SPEC	PIN #1	PIN #2 (a)	PIN #3	"C"
-05 (a)	T-1S6-21-XXX-2	N/A	N/A	.105 [2.67] (a)
-06 (a)	T-1S6-18-XXX-2	N/A	N/A	.105 [2.67] (a)
-07 (a)	T-1S6-07-XXX-2	N/A	N/A	.230 [5.84] (a)
-08 (a)	T-1S6-08-XXX-2	T-1S6-09-XXX-2	T-1S6-11-XXX-2	(a) .230 [5.84] (a)(b)
-09 (a)	T-1S6-09-XXX-2	T-1S6-11-XXX-2	T-1S6-20-XXX-2	(a) .230 [5.84] (a)
-10 (a)	T-1S6-10-XXX-2	T-1S6-12-XXX-2	T-1S6-13-XXX-2	.230 [5.84]
-11 (a)	T-1S6-11-XXX-2	T-1S6-20-XXX-2	T-1S6-19-XXX-2	.230 [5.84]
-12 (a)	T-1S6-12-XXX-2	T-1S6-13-XXX-2	T-1S6-14-XXX-2	.230 [5.84]
-13 (a)	T-1S6-13-XXX-2	T-1S6-14-XXX-2	N/A	.230 [5.84]
-14 (a)	T-1S6-08-XXX-2	N/A	N/A	.320 [8.13] (a)
-15 (a)	T-1S6-09-XXX-2	N/A	N/A	.520 [13.21] (a)
-16 (a)	T-1S6-09-XXX-2	T-1S6-11-XXX-2	T-1S6-20-XXX-2	.320 [8.13] (a)(b)
-17 (a)	T-1S6-10-XXX-2	N/A	N/A	.620 [15.75] (a)
-18 (a)	T-1S6-11-XXX-2	N/A	N/A	.720 [18.29] (a)
-19 (a)	T-1S6-12-XXX-2	N/A	N/A	.820 [20.83] (a)
-20 (a)	T-1S6-13-XXX-2	N/A	N/A	1.020 [25.91] (a)
-21 (a)	T-1S6-14-XXX-2	N/A	N/A	1.220 [30.99] (a)
-21 (b)	T-1S6-14-XXX-2	N/A	N/A	.230 [5.84]
-22 (a)	T-1S6-15-XXX-2	T-1S6-10-XXX-2	T-1S6-12-XXX-2	.230 [5.84] (a)(b)
-23 (a)	T-1S6-16-XXX-2	N/A	N/A	.230 [5.84] (a)
-24 (a)	T-1S6-17-XXX-2	N/A	N/A	.265 [6.73] (a)
-24 (b)	T-1S6-15-XXX-2	T-1S6-10-XXX-2	T-1S6-12-XXX-2	.320 [8.13] (a)(b)
-26 (a)	T-1RS7-01-XXX-2	N/A	N/A	.230 [5.84]
-27 (a)	T-1S6-19-XXX-2	N/A	N/A	.230 [5.84]
-28 (a)	T-1S6-20-XXX-2	T-1S6-19-XXX-2	N/A	.230 [5.84]
-29 (a)	T-1S6-19-XXX-2	N/A	N/A	.320 [8.13]
-30 (a)	T-1S6-20-XXX-2	T-1S6-19-XXX-2	N/A	.320 [8.13]

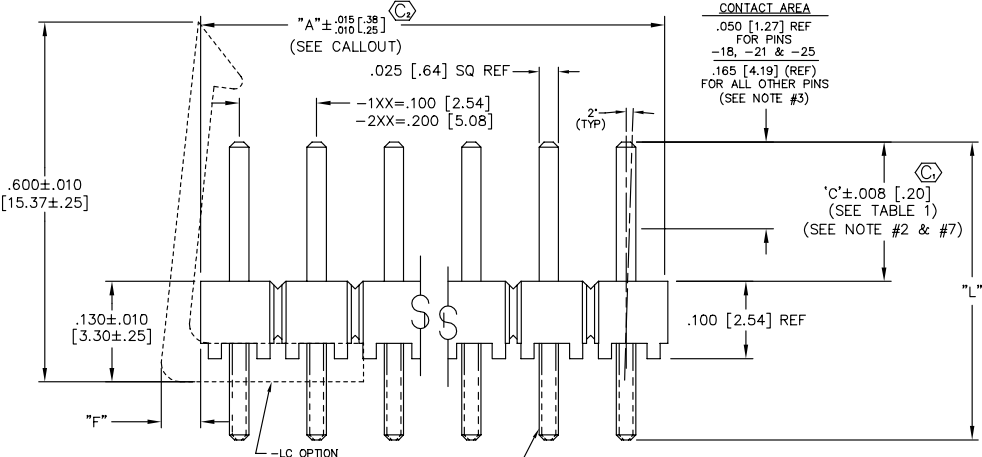
TABLE 4  
PIN STYLE "L"

PIN STYLE	"L"
T-1S6-07-XXX-2	.430 [10.92]
T-1S6-08-XXX-2	.530 [13.46]
T-1S6-09-XXX-2	.730 [18.54]
T-1S6-10-XXX-2	.830 [21.08]
T-1S6-11-XXX-2	.930 [23.62]
T-1S6-12-XXX-2	1.030 [26.16]
T-1S6-13-XXX-2	1.230 [31.24]
T-1S6-14-XXX-2	1.430 [36.32]
T-1S6-15-XXX-2	.630 [16.00]
T-1S6-16-XXX-2	.445 [11.30]
T-1S6-17-XXX-2	.480 [12.19]
T-1S6-18-XXX-2	.300 [7.62]
T-1S6-19-XXX-2	1.330 [33.78]
T-1S6-20-XXX-2	1.130 [28.70]
T-1S6-21-XXX-2	.335 [8.51]
T-1RS7-01-XXX-2	.456 [11.58]

- (1) .230 POST FOR -RA or -RE OPTION (4) NOT AVAILABLE IN -RE OPTION.  
 (2) OMIT WITH -Q ROW SPECIFICATION (5) AVAILABLE IN -LL OPTION.  
 (3) NOT AVAILABLE IN -RA OR -RE OPTION. (6) AVAILABLE IN -LA OPTION.  
 (7) ON STYLE -09 -LA, RA: "C" = .230 ± .005 [5.84 ± .13]  
 (8) 1.220 POST FOR STRAIGHT PIN VERSION.

\* SQUARE END OF PIN (T-1RS7-01-XXX-2) SHOULD BE LOCATED AT "C" DIMENSION DURING FILL PROCESS. (SEE FIG. 4)

ASSEMBLY INSTRUCTIONS



- NOTES:  
 1. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.  
 2. HEIGHT VARIATION BETWEEN A PIN AND ANY ADJACENT PIN SHALL BE .005 [.13] MAX (R.A. TAIL N/A).  
 3. ASSEMBLE GOLD PLATE END AS SHOWN.  
 4. STYLE -26: ROUND END TO APPEAR ON BOTTOM.  
 5. NOTE DELETED  
 6. (C) REPRESENTS CRITICAL DIMENSION.  
 7. "C"±.005 [±.13] FOR STYLE -08, OPTION -LA & -RA ONLY.  
 8. TOW & SWAY SPEC. OF 2' APPLIES TO ALL POSITIONS: POST & TAIL, IN ALL DIRECTIONS.  
 9. ALL DIMENSIONS TO BE ABOUT CL WITHIN ±.005 [.13].  
 10. MEASURE FROM THE TIPS OF THE TERMINALS.  
 11. TSW-50-D BODY CAN BE USED IF RTSW-50-D IS UNAVAILABLE  
 12. ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING IN THE POST AREA. (SEE TABLE 7)  
 13. NOTE DELETED.  
 14. MAXIMUM CUT FLASH: .010 [.25]

TABLE 2  
BODY SPECIFICATION

ROW/OPTION	USE BODY
-S, -S-NA/-NE	TSW-50-S
-S -RA/-RE	TSW-50-S-RA
-D, -D-NA/-NE	RTSW-50-D
-D -RA	TSW-50-D-RA
-T, -T-NA/-NE	TSW-50-T
-T -RA, -Q-RA	TSW-50-T-RA
-Q	TSW-50-T

TABLE 6: -LC OPTION

ROW	"F"±/-.015[.38]
-D	.105[2.67]
-S	.075[1.91]

UNLESS OTHERWISE NOTED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 ONE PLACE DECIMALS ±.1 [.3] THREE PLACE DECIMALS ± .005 [.13] ANGLES ± 2°  
 TWO PLACE DECIMALS ±.01 [.3] FOUR PLACE DECIMALS ± .0020 [.051]  
 TITLE: ASSEMBLY, .025 [.64] SQ. POST  
 TERMINAL STRIP  
 DWG NO: TSW-XXX-XX-XXX-X-XX-XXX  
 SHEET 1 OF 4

TSW-XXX-XX-XXX-X-XX-XXX  
 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)  
 BODY LENGTH SPEC. EXPRESSED IN # OF POS.  
 -1: -.01 THRU -.50 (-S,-D,-T)  
 "A"= NO. OF POS. x .100 [2.54]  
 -2: -.02 THRU -.25 (-S,-D,-T)  
 "A"= NO OF POS. x .200 [5.08]  
 -.100 [5.08]  
 OPTION #2  
 -POLARIZING SPECIFICATION  
 XXX INDICATES POS. TO BE OMITTED (SEE FIG. 1)  
 OPTION #1  
 -BLANK= STRAIGHT  
 -RA= RIGHT ANGLE (SEE TABLE 5, FIG. 3)  
 -RE= EXTENDED RIGHT ANGLE (SEE TABLE 3, FIG. 3)(SINGLE ROW ONLY)  
 -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) (N/A IN -RA OR -RE OPTION AND/OR LESS THAN 4 POSITIONS)  
 -LA= -RA OPTION WITH -LL OPTION (SEE FIG. 2 & 3)  
 -LL= LOCKING LEAD (SEE FIG. 2) (N/A WITH -RE OR -NE OPTION) (N/A IN SINGLE ROW, 1 OR 2 POSITIONS)

TERMINAL SPECIFICATION  
 SEE TABLE 1  
 PLATING SPECIFICATIONS  
 -G: GOLD  
 -T: TIN  
 -S: SELECTIVE HEAVY GOLD  
 -H: HEAVY GOLD  
 -L: SELECTIVE LIGHT GOLD  
 -P: GOLD FLASHED PALLADIUM NICKEL  
 -F: FLASH SELECTIVE GOLD  
 -E: EXTRA HEAVY GOLD (AVAILABLE IN STYLES -07,-08,-09, -13 & -14 STRAIGHT) (-08 DOUBLE RIGHT ANGLE)  
 -TL: TIN/LEAD (AVAILABLE ONLY ON LEAD STYLES -07, -08 & -09)  
 -STL: SELECTIVE TIN/LEAD (AVAILABLE ONLY ON LEAD STYLES -07, -08, -10, -16, -17, -21, 23, & -24 STRAIGHT THROUGH HOLE ONLY).  
 -TM: MATTE TIN (SEE PLATING INSTRUCTIONS)  
 -SM: HEAVY SELECTIVE GOLD, MATTE TIN TAIL (SEE PLATING INSTRUCTIONS)  
 -LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (SEE PLATING INSTRUCTIONS)  
 -FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL (SEE PLATING INSTRUCTIONS)

ROW SPECIFICATION (SEE TABLE #2)

- S: SINGLE  
 -D: DOUBLE  
 -T: TRIPLE  
 -Q: TRIPLE ROW, FILL OUTER ROWS ONLY

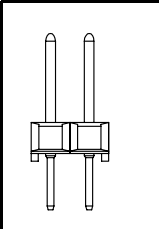
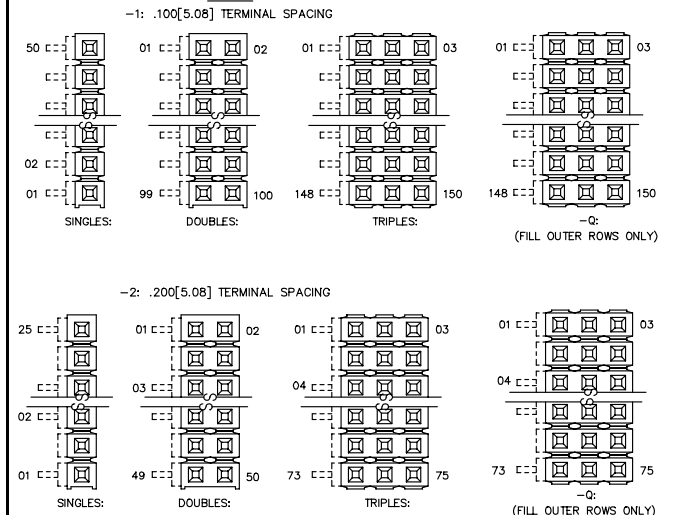


FIG 4

FIG 1



PROPRIETARY NOTE  
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MATERIAL:  
 BODIES:  
 DUPONT CRASTIN SK652 FR  
 COLOR:BLACK  
 TERMINALS:  
 PHOSPHER BRONZE

EXISPROD ASSEMBLY 100  
 TSW-ASM1  
**samtec**  
 520 PARK EAST BLVD., NEW ALBANY, INDIANA 47150  
 PHONE (812) 944-6733 P.O. BOX 1147  
 CODE 55322  
 MADE BY: KOLB 8-24-88  
 TSW-XXX-XX-XXX-X-XX-XXX  
 SHEET 1 OF 4