TSW-XXX-XX-XXX-X-XXX

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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

TERMINAL SPACE SPEC. (SEE ASSEMBLY INSTRUCTIONS) -1=.100[2.54] FILL EVERY POSITÍON -2= .200[5.08] FILL EVERY OTHER 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. \times .100[2.54] -2: -02 THRU -25 (-S, -D, -T)

"A" = NO OF POS. x .200[5.08] - .100[2.54]

TERMINAL SPECIFICATION SEE TABLE 1

OPTION #2 -POLARIZING SPECIFICATION XXX INDICATES POS. TO BE OMITTED (SEE FIG 3)

-BLANK= STRAIGHT

-RA= RIGHT ANGLE (SEE TABLE 3 & 5, FIG 5)

-RE= EXTENDED RIGHT ANGLE (SEE TABLE 3 & 5, FIG 5) (SINGLE ROW ONLY)

-NA= RA OPTION WITH STRAIGHT OPTION BODY -NE= RE OPTION WITH STRAIGHT OPTION BODY

-LC= LOCKING CLIP (USE LTC-01 FOR -S ROW AND LTC-02 FOR -D ROW) (STYLES 08 THRU 13 & 22 ONLY) (SEE FIG 2) (N/A IN -RA OR -RE OPTION AND/OR LESS THAN 4 PÓSITIONS)

ÎN/A IN -T OR -QI

·LA= -ra optioń with -ll option (see fig 5)

-LL= LOCKING LEAD (SEE FIG 4) (N/A WITH -RE OR -NÈ OPTION)

(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 SPECIFICATION

-G: 10µ" GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL

-T: MATTE TIN CONTACT AND TAIL

-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL -L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL -F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-E: 50µ" EXTRA HEAVY GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL

(-07, -08, -09, -13, -14, -15, -16, -20, -21 ONLY) -TL: TIN/LEAD (90/10 +/-5%) CONTACT AND TAIL

(AVAILABLE ONLY ON LEAD STYLES -07, -08 & -09)
-STL: 30µ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10 +/-5%) TAIL
(AVAILABLE ONLY ON LEAD STYLES -07, -08, -10, -15, -16, -17, -21, -23 & -24 THROUGH HOLE ONLY)

-TM: MATTE TIN CONTACT AND TAIL

-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL -LM: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-FM: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-SS: 30u" STRIPE SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (SEE NOTE 13)

NOTES:

- 1. © REPRESENTS CRITICAL DIMENSION.
- 2. MINIMUM TERMINAL PUSHOUT: 3 LBS.
- 3. MAXIMUM HEIGHT VARIATION: .005[0.13] (-RA TAIL N/A).
- 4. ASSEMBLE GOLD PLATE END AS SHOWN.
- 5. STYLE -26: ROUND END TO APPEAR ON BOTTOM.
- 6. 'C'± .005[0.13] FOR STYLE -08, OPTION -LA & -RA ONLY.
- 7. TOW & SWAY SPEC. OF 2° APPLIES TO ALL POSITIONS, POST & TAIL, IN ALL DIRECTIONS.
- 8. ALL DIMENSIONS TO BE ABOUT CL WITHIN ±.005[0.13].
- 9. MEASURE FROM THE BEND RADIUS OF THE TERMINALS
- 10. TSW-50-D BODY CAN BE USED IF RTSW-50-D IS UNAVAILABLE (C) 11. ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING
 - IN THE POST AREA. (SEE TABLE 7) 12. MAXIMUM CUT FLASH: .020[0.50]
 - 13. -SS OPTION ONLY AVAILABLE IN STRAIGHT LEAD STYLES -07. -08 & -09, -RA STYLE -08 ONLY. CAN ONLY MATE WITH SSW, SSQ, SSM, ESW, ESQ AND BCS.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TERMINALS: PHOS BRONZE

TOLERANCES ARE: DECIMALS **ANGLES** .XX: ±.01[0.3] 2 ° .XXX: ±.005[0.13] .XXXX: ±.0020[0.051]

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.025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY

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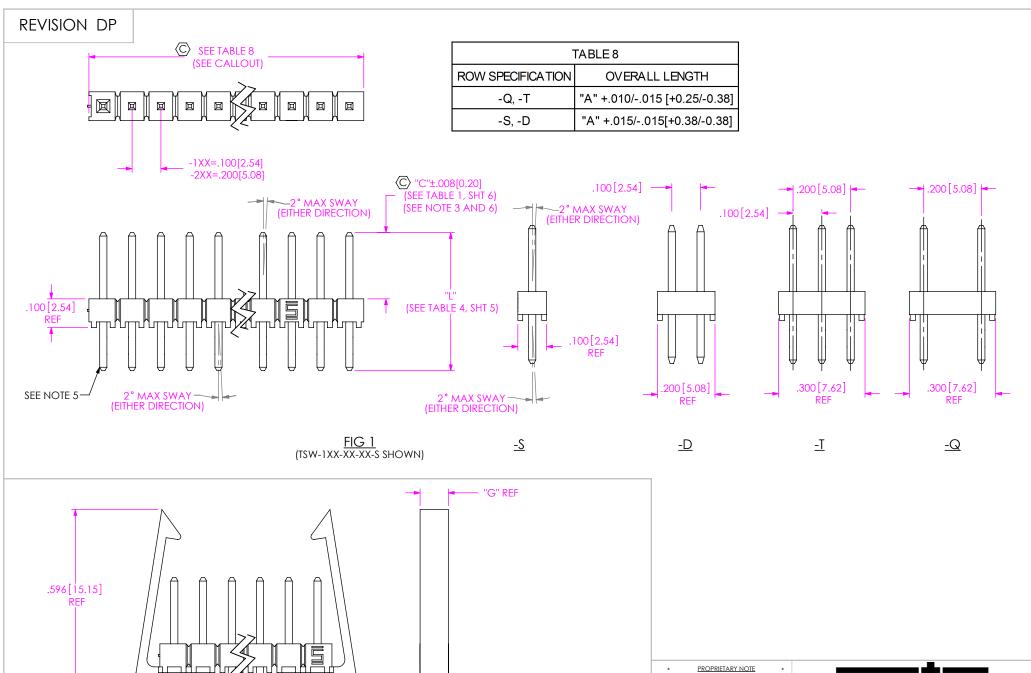
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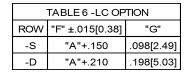
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BODIES: DUPONT PBT, UL 94 VO, COLOR: BLACK

08/24/1988 | SHEET 1 OF 6

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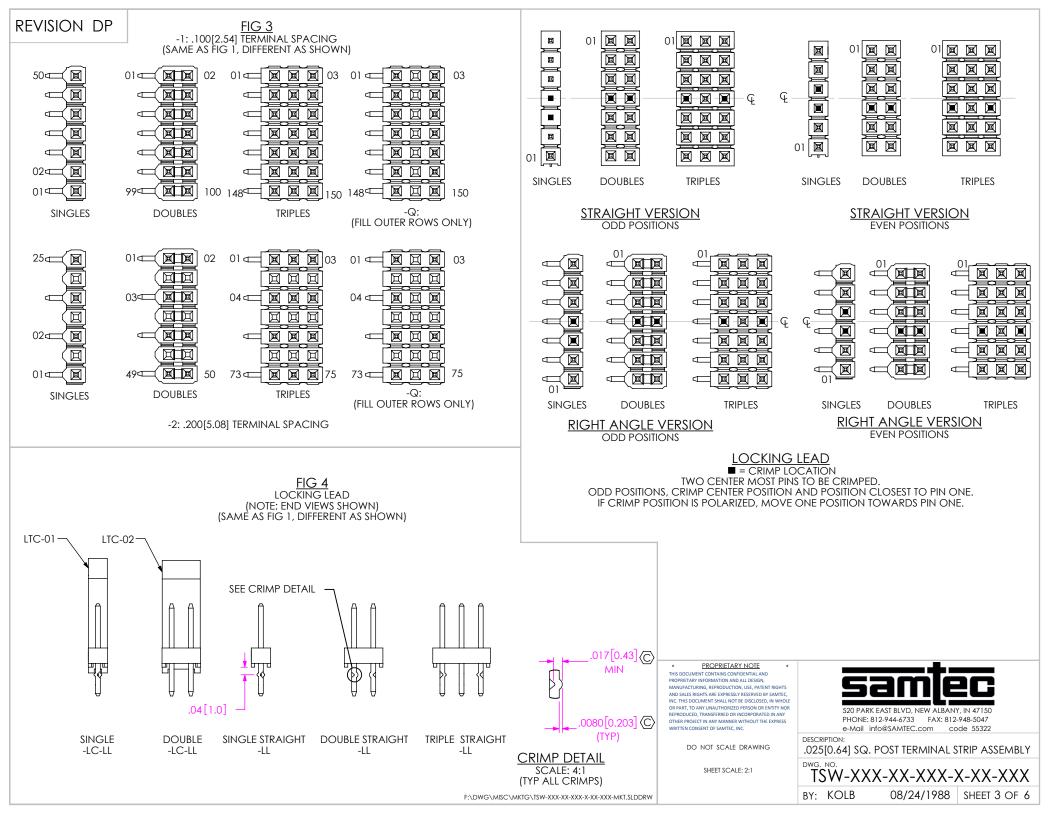
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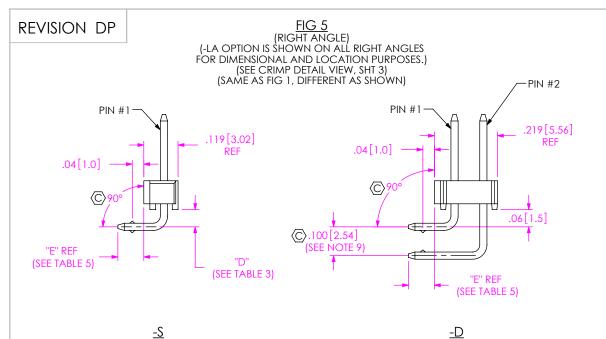
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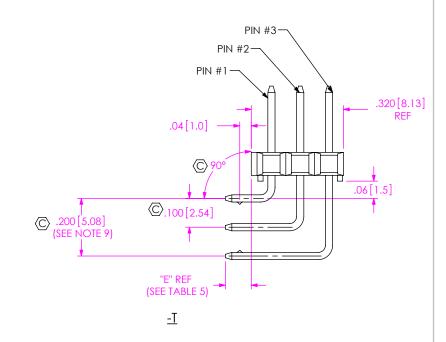
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FIG 2

(TSW-1XX-XX-XX-S-LC SHOWN) (SAME AS FIG 1, DIFFERENT AS SHOWN)







TAB	LE 3
-XX	"D"
-RA/-NA	.06[1.5]
-RE/-NE	.16[4.1]

	TABLE 5 "E"								
LEAD STYLI	RA SINGLE	RE SINGLE	RA DOUBLE	RA TRIPLE	NA SINGLE	NE SINGLE	NA DOUBLE	NA TRIPLE	
08	.090 [2.29]	N/A	.090 [2.29]	.090 [2.29]	.109 [2.77]	N/A	.109 [2.77]	.109 [2.77]	
09	.290 [7.37]	.190 [4.83]	.290 [7.37]	.290 [7.37]	.309 [7.85]	.209 [5.31]	.309 [7.85]	.309 [7.85]	
10	.390 [9.91]	.290 [7.37]	.390 [9.91]	.390 [9.91]	.409 [10.39]	.309 [7.85]	.409 [10.39]	.409 [10.39]	
11	.490 [12.45]	.390 [9.91]	.490 [12.45]	.490 [12.45]	.509 [12.93]	.409 [10.39]	.509 [12.93]	.509 [12.93]	
12	.590 [14.99]	.490 [12.45]	.590 [14.99]	.590 [14.99]	.609 [15.47]	.509 [12.93]	.609 [15.47]	.609 [15.47]	
13	.790 [20.07]	.690 [17.53]	.790 [20.07]	N/A	.809 [20.55]	.709 [18.01]	.809 [20.55]	N/A	
16	.200 [5.08]	.100 [2.54]	.200 [5.08]	.200 [5.08]	.219 [5.56]	.119 [3.02]	.219 [5.56]	.219 [5.56]	
21	.990 [25.15]	.890 [22.61]	N/A	N/A	1.009 [25.63]	.909 [23.09]	N/A	N/A	
22	.190 [4.83]	.090 [2.29]	.190 [4.83]	.190 [4.83]	.209 [5.31]	.109 [2.77]	.209 [5.31]	.209 [5.31]	
25	.100 [2.54]	N/A	.100 [2.54]	.100 [2.54]	.119 [3.02]	N/A	.119 [3.02]	.119 [3.02]	
27	.890 [22.61]	.790 [20.07]	N/A	N/A	.909 [23.09]	.809 [20.55]	N/A	N/A	
28	.690 [17.53]	.590 [14.99]	.690 [17.53]	N/A	.709 [18.01]	.609 [15.47]	.709 [18.01]	N/A	
29	.800 [20.32]	N/A	N/A	N/A	.819 [20.80]	N/A	N/A	N/A	
30	.600 [15.24]	N/A	.600 [15.24]	N/A	.619 [15.72]	N/A	.619 [15.72]	N/A	

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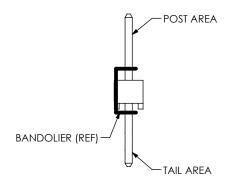
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.025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY

TSW-XXX-XX-XXX-X-XXX BY: KOLB 08/24/1988 SHEET 4 OF 6

TABLE 7 (-T PLATING ONLY)								
	NUMBER OF BAND MARKS ALLOWED IN POST AREA				NUMBER OF BAND MARKS ALLOWED IN POST AREA			
LEAD STYLE	PIN #1	PIN#2	PIN#3	LEAD STYLE	PIN #1	PIN #2	PIN #3	
*-05	*0	N/A	N/A	*-17	2	N/A	N/A	
-06	1	N/A	N/A	*-18	2	N/A	N/A	
-07	1	N/A	N/A	*-19	2	N/A	N/A	
-08	0	0	0	*-20	2	N/A	N/A	
-08 RA	0	0	0	*-21	2	N/A	N/A	
-09	0	0	0	-21-RA	0	N/A	N/A	
-09 RA	0	0	0	-21-RE	0	N/A	N/A	
-09-RE	0	0	0	-22	0	0	0	
-10	0	0	0	-22-RA	0	0	0	
-10-RA	0	0	0	-22-RE	0	0	0	
-10-RE	0	0	0	-23	1	N/A	N/A	
-11	0	0	0	-24	1	N/A	N/A	
-11-RA	0	0	0	-25	1	1	1	
-11-RE	0	0	0	*-25-RA	1	0	0	
-12	0	0	0	*-26	1	N/A	N/A	
-12-RA	0	0	0	*-27	0	N/A	N/A	
-12-RE	0	0	0	*-27-RA	0	N/A	N/A	
-13	0	0	N/A	*-27-RE	0	N/A	N/A	
-13-RA	0	0	N/A	*-28	0	0	N/A	
-13-RE	0	0	N/A	*-28-RA	0	0	N/A	
-14	1	N/A	N/A	*-28-RE	0	0	N/A	
*-15	2	N/A	N/A	*-29	1	N/A	N/A	
*-16	1	1	1	*-29-RA	1	N/A	N/A	
*-16-RA	1	1	1	*-30	1	1	N/A	
*-16-RE	1	1	1	*-30-RA	1	1	N/A	
* DINO TO DE EL IDDED ODDOGITE OF OU FOTIVE DI ATINO DEFODE DEINO NOEDTED								

^{*} PINS TO BE FLIPPED OPPOSITE OF SELECTIVE PLATING BEFORE BEING INSERTED



IN PROCESS 1
(SAME AS FIG 1, DIFFERENT AS SHOWN)
-T PLATING ONLY
(SEE NOTE 11)
(SEE TABLE 7)

TABLE 4						
PIN STYLE	"L" REF					
T-1S6-07-XXX-2	0.430 [10.92]					
T-1S6-08-XXX-2	0.530 [13.46]					
T-1S6-09-XXX-2	0.730 [18.54]					
T-1S6-10-XXX-2	0.830 [21.08]					
T-1S6-11-XXX-2	0.930 [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	0.630 [16.00]					
T-1S6-16-XXX-2	0.445 [11.30]					
T-1S6-17-XXX-2	0.480 [12.19]					
T-1S6-18-XXX-2	0.300 [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	0.335 [8.51]					
T-1RS7-01-XXX-2	0.456 [11.58]					

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DESCRIPTION:

.025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY

TABLE 1									
TERMINAL SPECIFICATIONS									
TERMINAL SPEC	PIN #1	PIN #2	PIN #3	"C"					
-05 (3)	T-1S6-21-XXX-2	N/A	N/A	0.105 [2.67]	(5)				
-06 (3)	T-1S6-18-XXX-2	N/A	N/A	0.105 [2.67]	(5)				
-07 (3)	T-1S6-07-XXX-2	N/A	N/A	0.230 [5.84]	(5)				
-08 (4)	T-1S6-08-XXX-2	T-1S6-09-XXX-2	T-1S6-11-XXX-2	(7)0.230 [5.84]	(5)(6)				
-09	T-1S6-09-XXX-2	T-1S6-11-XXX-2	T-1S6-20-XXX-2	0.230 [5.84]	(6)				
-10	T-1S6-10-XXX-2	T-1S6-12-XXX-2	T-1S6-13-XXX-2	0.230 [5.84]					
-11	T-1S6-11-XXX-2	T-1S6-20-XXX-2	T-1S6-19-XXX-2	0.230 [5.84]					
-12	T-1S6-12-XXX-2	T-1S6-13-XXX-2	T-1S6-14-XXX-2	0.230 [5.84]					
-13	T-1S6-13-XXX-2	T-1S6-14-XXX-2	N/A	0.230 [5.84]					
-14(3)	T-1S6-08-XXX-2	N/A	N/A	0.320 [8.13]	(5)				
-15 (3)	T-1S6-09-XXX-2	N/A	N/A	0.520 [13.21]	(5)				
-16	T-1S6-09-XXX-2	T-1S6-11-XXX-2	T-1S6-20-XXX-2	0.320 [8.13]	(5)(6)				
-17 (3)	T-1S6-10-XXX-2	N/A	N/A	0.620 [15.75]	(5)				
-18 (3)	T-1S6-11-XXX-2	N/A	N/A	0.720 [18.29]	(5)				
-19 (3)	T-1S6-12-XXX-2	N/A	N/A	0.820 [20.83]	(5)				
-20 (3)	T-1S6-13-XXX-2	N/A	N/A	1.020 [25.91]	(5)				
-21 (8)	T-1S6-14-XXX-2	N/A	N/A	1.220 [30.99]	(5)				
-21 (1)	T-1S6-14-XXX-2	N/A	N/A	0.230 [5.84]	(5)				
-22	T-1S6-15-XXX-2	T-1S6-10-XXX-2	T-1S6-12-XXX-2	0.230 [5.84]	(5)(6)				
-23 (3)	T-1S6-16-XXX-2	N/A	N/A	0.230 [5.84]	(5)				
-24 (3)	T-1S6-17-XXX-2	N/A	N/A	0.265 [6.73]	(5)				
-25 (4)	T-1S6-15-XXX-2	T-1S6-10-XXX-2	T-1S6-12-XXX-2	0.320 [8.13]	(5)(6)				
*-26 (3)	T-1RS7-01-XXX-2	N/A	N/A	0.230 [5.84]					
-27	T-1S6-19-XXX-2	N/A	N/A	0.230 [5.84]					
-28	T-1S6-20-XXX-2	T-1S6-19-XXX-2	N/A	0.230 [5.84]					
-29(4)	T-1S6-19-XXX-2	N/A	N/A	0.320 [8.13]					
-30 (4)	T-1S6-20-XXX-2	T-1S6-19-XXX-2	N/A	0.320 [8.13]					



⁽²⁾ OMIT WITH -Q ROW SPECIFICATION

(4) NOT AVAILABLE IN -RE OPTION

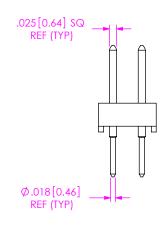


FIG 6 (-26 LEAD STYLE) (SAME AS FIG. 1, DIFFERENT AS SHOWN)

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DESCRIPTION:

.025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY

TSW-XXX-XX-XXX-X-XXX 08/24/1988 SHEET 6 OF 6 BY: KOLB

⁽³⁾ NOT AVAILABLE IN -RA OR -RE OPTION

⁽⁵⁾ AVAILABLE IN -LL OPTION

⁽⁶⁾ AVAILABLE IN -LA OPTION

⁽⁷⁾ ON STYLE -08 -LA, RA: "C" = .230[5.84]± .008[0.20] (8) 1.220[30.99] 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. 6)