## REVISION DS

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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

# TSW-XXX-XX-XXX-X-XXX 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.  $\times$  .200[5.08] - .100[2.54]

LEAD STYLE SEE TABLE 1

**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: 3u" 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)

-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)

-GF: 3µ" GOLD OVER THE ENTIRE PIN

#### 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.

TOLERANCES ARE: DECIMALS .XX: .01[0.3] 2

ANGLES .XXX: .005[0.13] .XXXX: .0020[0.051]

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OPTION #2

-LL= LOCKING LEAD (SEE FIG 4)

(N/A WITH -RE OR -NE OPTION) (N/A IN SINGLE ROW, 1 OR 2 POSITIONS)

-S: SINGLE

-T: TRIPLE

-D: DOUBLE

OPTION #1

-BLANK= STRAIGHT

OPTION IS VALID)

(N/A IN -T OR -Q)

**EQUALS TO -LA OPTION)** 

-POLARIZING SPECIFICATION

-NE= RE OPTION WITH STRAIGHT OPTION BODY

-LA= -RA OPTION WITH -LL OPTION (SEE FIG 5)

-LC= LOCKING CLIP (USE LTC-01 FOR -S ROW AND

**ROW SPECIFICATION (SEE TABLE 2)** 

-Q: TRIPLE ROW, FILL OUTER ROWS ONLY

XXX INDICATES POS. TO BE OMITTED (SEE FIG 3)

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 POSITIONS)

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

-RE= EXTENDED RIGHT ANGLE (SEE TABLE 3 & 5, FIG 5) (SINGLE ROW ONLY) -NA= RA OPTION WITH STRAIGHT OPTION BODY (-NA OPTION WITH -LL

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BODIES: DUPONT PBT, UL 94 VO, COLOR: BLACK TERMINALS: PHOS BRONZE



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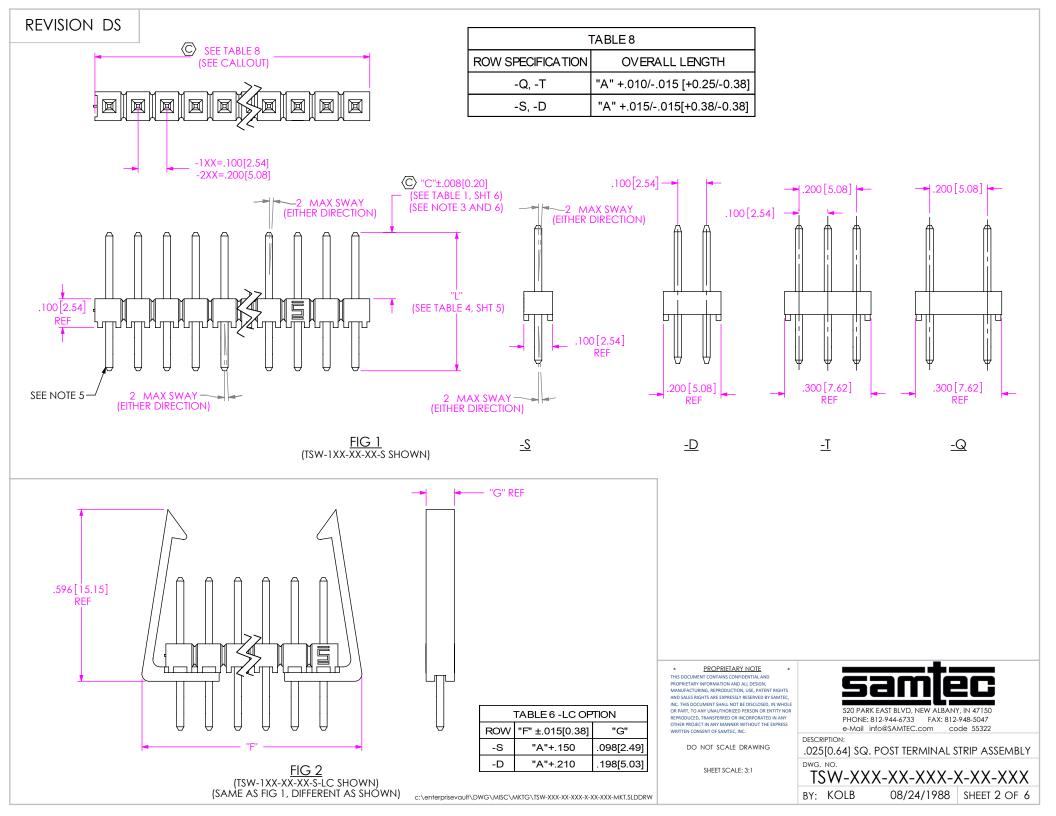
.025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY

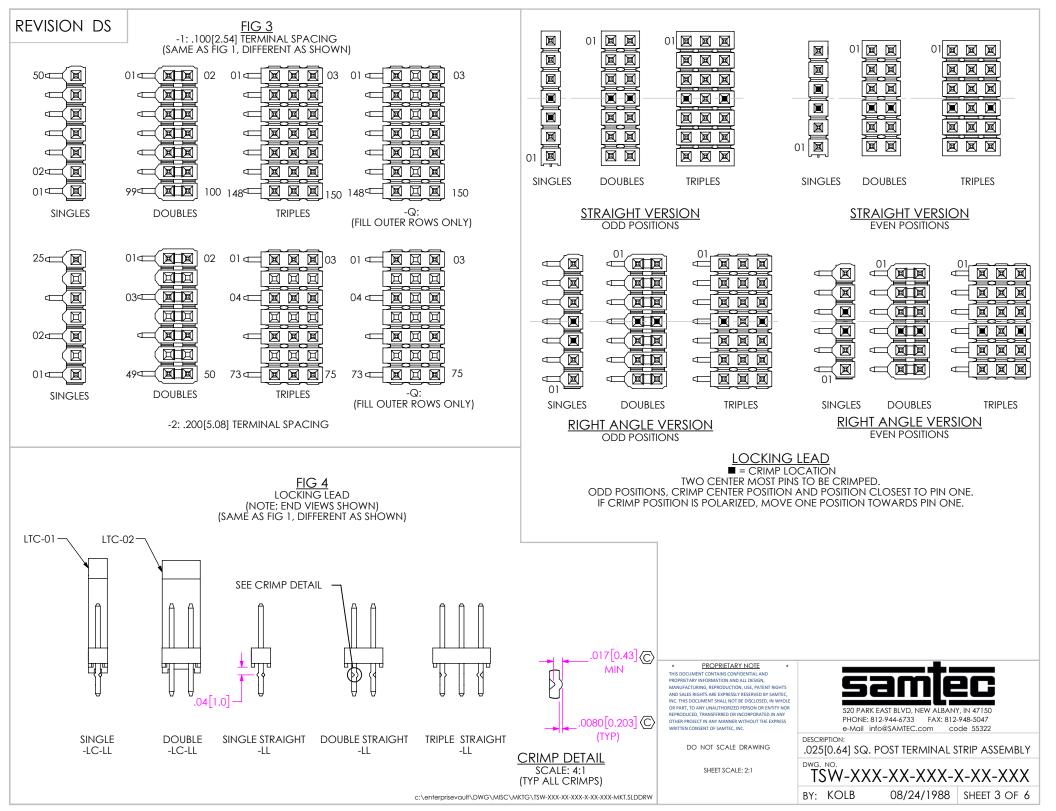
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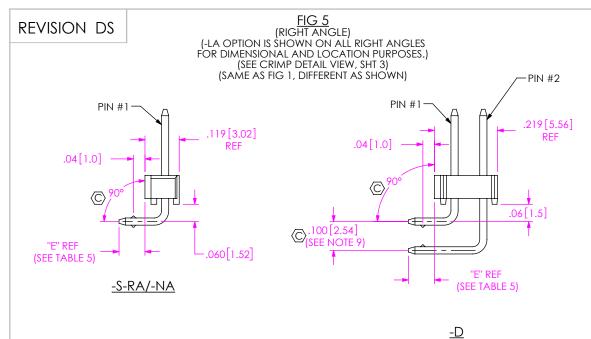
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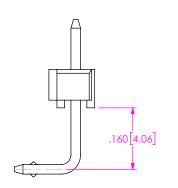
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08/24/1988 | SHEET 1 OF 6



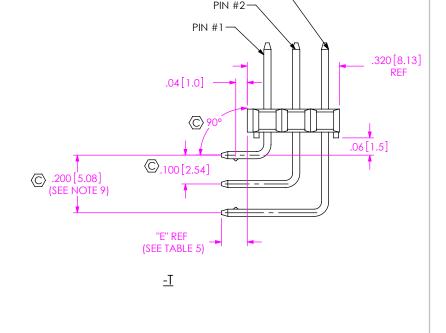






<u>-S-RE/-NE</u> (SAME AS -S-RA/-NA VIEW, DIFFERENT AS SHOWN)

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
-	-	•	•	•	•	•		•



PIN #3-

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DESCRIPTION:

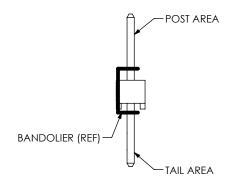
.025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY

BY: KOLB 08/24/1988 SHEET 4 OF 6

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	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			

<sup>\*</sup> 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

TSW-XXX-XX-XXX-X-XXXX BY: KOLB 08/24/1988 SHEET 5 OF 6

TABLE 1									
	TERMINAL SPECIFICATION								
LEAD STYLE	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]					

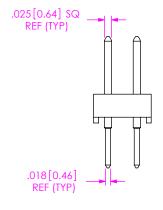


FIG 6 (-26 LEAD STYLE) (SAME AS FIG. 1, DIFFERENT AS SHOWN)

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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

<sup>(1) .230[5.84]</sup> POST FOR -RA OR -RE OPTION

<sup>(2)</sup> OMIT WITH -Q ROW SPECIFICATION

<sup>(3)</sup> NOT AVAILABLE IN -RA OR -RE OPTION (4) NOT AVAILABLE IN -RE OPTION

<sup>(5)</sup> AVAILABLE IN -LL OPTION

<sup>(6)</sup> AVAILABLE IN -LA OPTION

<sup>(7)</sup> ON STYLE -08 -LA, RA: "C" = .230[5.84]± .008[0.20] (8) 1.220[30.99] POST FOR STRAIGHT PIN VERSION

<sup>\*</sup> SQUARE END OF PIN (T-1RS7-01-XXX-2 SHOULD BE LOCATED AT "C" DIMENSION DURING FILL PROCESS. (SEE FIG. 6)