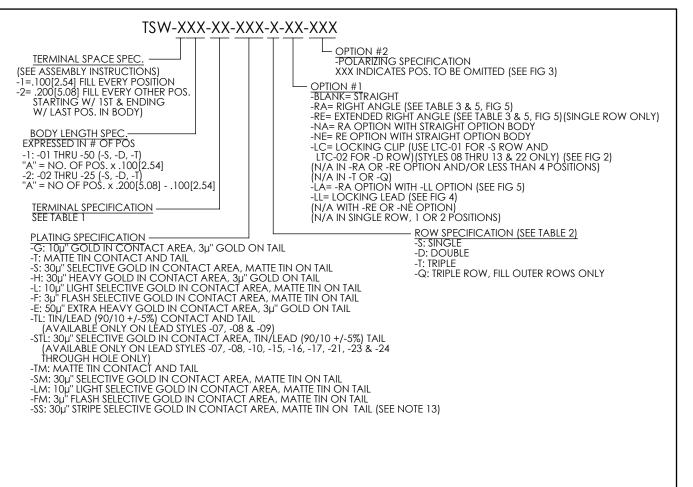
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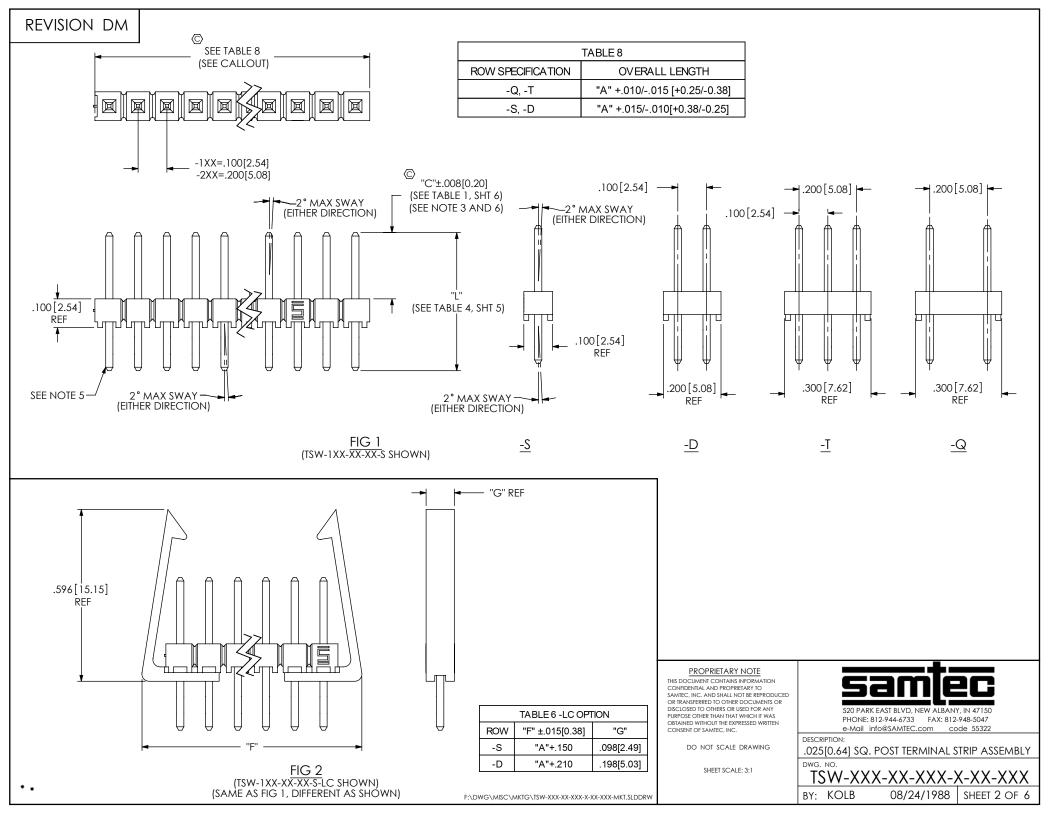
| TA | ABLE 2 |
|---------------|--------------|
| BODY SI | PECIFICATION |
| ROW/OPTION | USE BODY |
| -S, -S-NA/-NE | TSW-50-S |
| -S-RA/-RE | TSW-50-S-RA |
| -D, -D-NA/-NE | RTSW-50-D |
| -D-RA | TSW-50-D-RA |
| -T, -T-NA/-NE | TSW-50-T |
| -T-RA, -Q-RA | TSW-50-T-RA |
| -Q | TSW-50-T |

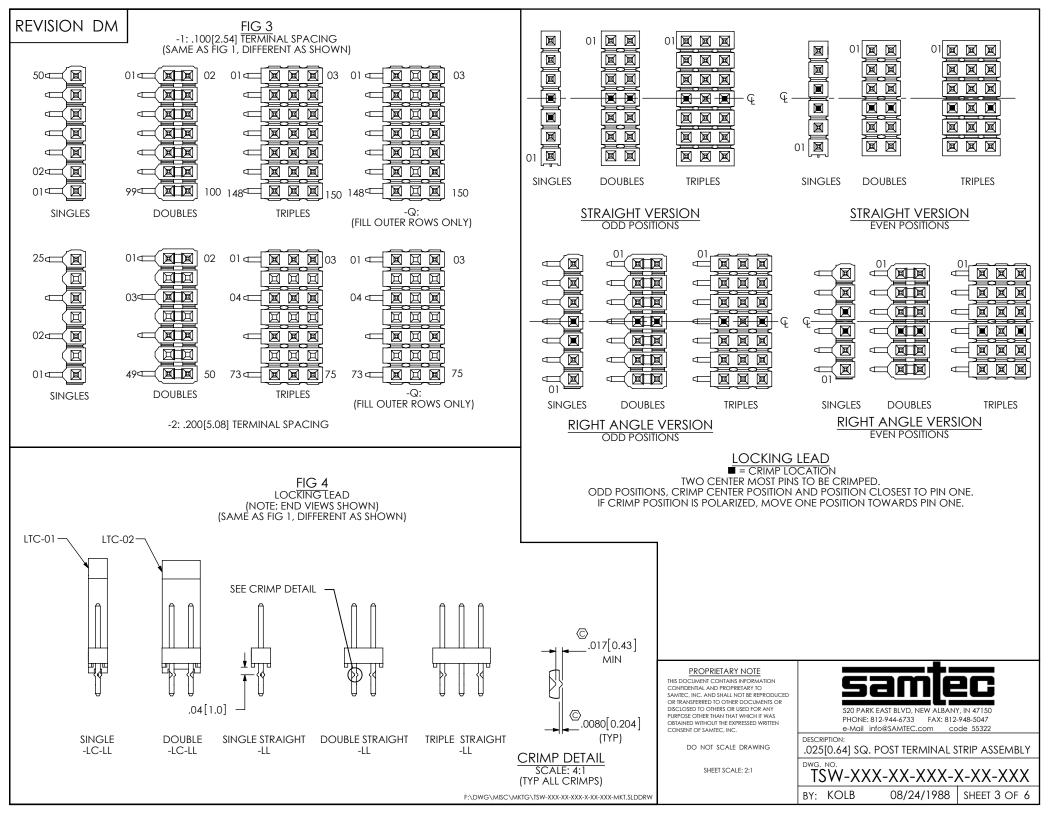


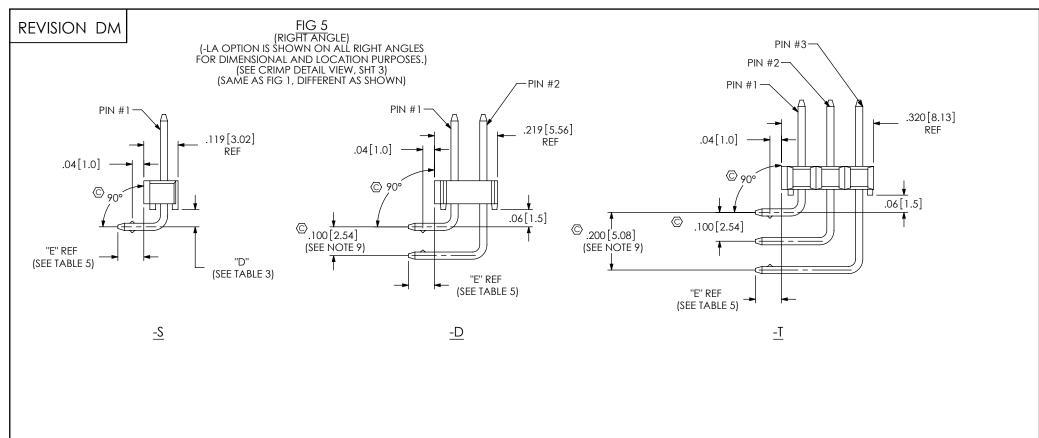
NOTES:

- 1. $\langle \overline{C} \rangle$ REPRESENTS CRITICAL DIMENSION.
- 2. MINIMUM TERMINAL PUSHOUT: 3 LBS.
- 3. MAXIMUM HEIGHT VARIATION: .005 [.13] (R.A. 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 [.13].
- 9. MEASURE FROM THE BEND RADIUS OF THE TERMINALS .
- 10. TSW-50-D BODY CAN BE USED IF RTSW-50-D IS UNAVAILABLE
- 11. ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING IN THE POST AREA. (SEE TABLE 7)
 - 12. MAXIMUM CUT FLASH: .020 [.50]
 - -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 ANGLES .XX: ±.01 [.3] 2° .XXX: ±.005 [.13] .XXX: ±.0020 [.051] | PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITEN CONSENT OF SAMTEC, INC. | 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322 | | | | |
|---|--|--|--|--|--|--|
| MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1 BODIES: DUPONT PBT, UL 94 VO, COLOR: BLACK TERMINALS: PHOS BRONZE | | DESCRIPTION: .025[0.64] SQ. POST TERMINAL STRIP ASSEMBLY | | | | |
| TERMINANES, THOS DROINEE | | | | | | |
| | | BY: KOLB 08/24/1988 SHEET 1 OF 6 | | | | |







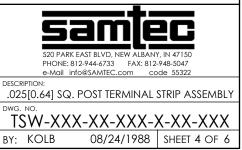
| TABLE 3 | | | | |
|---------|----------|--|--|--|
| -XX | "D" | | | |
| -RA/-NA | .06[1.5] | | | |
| -RE/-NE | .16[4.1] | | | |
| | | | | |

| | | | | | TABLE 5 "E" | | | | |
|----|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|------------|
| | NA TRIPLE | NA DOUBLE | NE SINGLE | NA SINGLE | RA TRIPLE | RA DOUBLE | RE SINGLE | RA SINGLE | LEAD STYLE |
| | .109 [2.77] | .109 [2.77] | N/A | .109 [2.77] | .090 [2.29] | .090 [2.29] | N/A | .090 [2.29] | 08 |
| | .309 [7.85] | .309 [7.85] | .209 [5.31] | .309 [7.85] | .290 [7.37] | .290 [7.37] | .190 [4.83] | .290 [7.37] | 09 |
| | .409 [10.39] | .409 [10.39] | .309 [7.85] | .409 [10.39] | .390 [9.91] | .390 [9.91] | .290 [7.37] | .390 [9.91] | 10 |
| ٦г | .509 [12.93] | .509 [12.93] | .409 [10.39] | .509 [12.93] | .490 [12.45] | .490 [12.45] | .390 [9.91] | .490 [12.45] | 11 |
| | .609 [15.47] | .609 [15.47] | .509 [12.93] | .609 [15.47] | .590 [14.99] | .590 [14.99] | .490 [12.45] | .590 [14.99] | 12 |
| | N/A | .809 [20.55] | .709 [18.01] | .809 [20.55] | N/A | .790 [20.07] | .690 [17.53] | .790 [20.07] | 13 |
| | .219 [5.56] | .219 [5.56] | .119 [3.02] | .219 [5.56] | .200 [5.08] | .200 [5.08] | .100 [2.54] | .200 [5.08] | 16 |
| | N/A | N/A | .909 [23.09] | 1.009 [25.63] | N/A | N/A | .890 [22.61] | .990 [25.15] | 21 |
| | .209 [5.31] | .209 [5.31] | .109 [2.77] | .209 [5.31] | .190 [4.83] | .190 [4.83] | .090 [2.29] | .190 [4.83] | 22 |
| | .119 [3.02] | .119 [3.02] | N/A | .119 [3.02] | .100 [2.54] | .100 [2.54] | N/A | .100 [2.54] | 25 |
| | N/A | N/A | .809 [20.55] | .909 [23.09] | N/A | N/A | .790 [20.07] | .890 [22.61] | 27 |
| | N/A | .709 [18.01] | .609 [15.47] | .709 [18.01] | N/A | .690 [17.53] | .590 [14.99] | .690 [17.53] | 28 |
| | N/A | N/A | N/A | .819 [20.80] | N/A | N/A | N/A | .800 [20.32] | 29 |
| | N/A | .619 [15.72] | N/A | .619 [15.72] | N/A | .600 [15.24] | N/A | .600 [15.24] | 30 |

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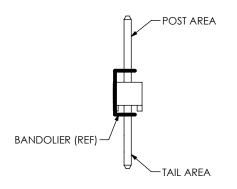
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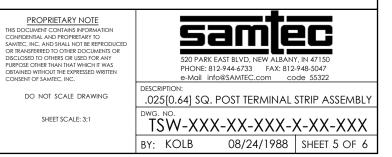
| | TABLE 7 (-T PLATING ONLY) | | | | | | | | |
|------------|---------------------------|------------------------|--------|------------|--|--------|--------|--|--|
| | | R OF BANE ED IN POS | | | NUMBER OF BAND MARKS ALLOWED IN POST AREA | | | | |
| LEAD STYLE | PIN #1 | PIN #2 | PIN #3 | LEAD STYLE | 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 | | |

* 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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| TABLE 1 | | | | | | | | |
|--|-----------------|----------------|----------------|-----------------|--------|--|--|--|
| TERMINAL SPECIFICATIONS | | | | | | | | |
| TERMINAL SPEC PIN #1 PIN #2 PIN #3 | | | | | | | | |
| -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] | | | | |

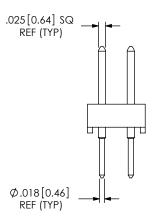


FIG 6 (-26 LEAD STYLE) (SAME AS FIG. 1, DIFFERENT AS SHOWN)

(1) .230[5.84] POST FOR -RA OR -RE OPTION (2) OMIT WITH -Q ROW SPECIFICATION (SEE FIG. 6)

(5) AVAILABLE IN -LL OPTION

 (1) 2010-1105 FIGUR 100 (100 (2000))
 (3) NOT AVAILABLE IN -RA OR -RE OPTION (3) NOT AVAILABLE IN -RA OR -RE OPTION (7) ON STYLE -08 -LA, RA: "C" = .230[5.84]±.008[0.20] (4) NOT AVAILABLE IN -RE OPTION (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.

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