

## ELECTRICAL TEST REPORT

DATE: 05/08/2007

PART NO. SM51185L

| SPEC & SAMPLE NO.              | SAMPLE #1 | SAMPLE #2 | SAMPLE #3 | SAMPLE #4 | SAMPLE #5 |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|
| DCR :mOHM                      |           |           |           |           |           |
| 1-10 = 600 MAX                 | 422.6     | 426.8     | 425.6     | 419       | 426       |
| 3-8 = 1400 MAX                 | 1223      | 1251      | 1262      | 1235      | 1236      |
| 5-6 = 13 MAX                   | 11        | 11        | 10.6      | 11        | 11.4      |
| 7-4 = 12 MAX                   | 10        | 9.2       | 9.4       | 10.2      | 9.6       |
| 9-2 = 450 MAX                  | 309.6     | 314       | 307.2     | 310       | 310       |
| INDUCTANCE<br>(@100KHZ, 1Vrms) |           |           |           |           |           |
| 1-10=9-2 = 215uH MIN           | 511       | 417.5     | 503       | 508.7     | 443.7     |
| 5-6=7-4 = 5.38uH MIN           | 14.5      | 11.6      | 14.48     | 14.65     | 12.6      |
| 3-8 = 588uH MIN                | 1489      | 1210      | 1477      | 1487      | 1304      |
| TURN RATIO<br>(@800KHZ, 1Vrms) |           |           |           |           |           |
| 3-8:1-10 = 1.7 +/-2%           | 1.7       | 1.7       | 1.7       | 1.7       | 1.7       |
| 3-8:5-6 = 10.25+/-2%           | 10.26     | 10.26     | 10.26     | 10.26     | 10.26     |
| 3-8:9-2 = 1.7 +/-2%            | 1.71      | 1.71      | 1.71      | 1.71      | 1.71      |
| 5-6:7-4 = 1 +/-2%              | 1         | 1.01      | 1.01      | 1         | 1         |
| HI-POT<br>(@500VAC, 5mA, 3S)   |           |           |           |           |           |
| 5-1                            | OK        | OK        | OK        | OK        | OK        |
| 7-1                            | OK        | OK        | OK        | OK        | OK        |
| 5-3                            | OK        | OK        | OK        | OK        | OK        |
| 7-3                            | OK        | OK        | OK        | OK        | OK        |
| 5-9                            | OK        | OK        | OK        | OK        | OK        |
| 7-9                            | OK        | OK        | OK        | OK        | OK        |