

## ELECTRICAL TEST REPORT

DATE: 07/10/2007

PART NO.      ATS-512DR

| SPEC & SAMPLE NO.                                                | SAMPLE #1 | SAMPLE #2 | SAMPLE #3 | SAMPLE #4 | SAMPLE #5 |
|------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| D.C.R : OHM<br>1-3 = 0.334 +/- 10%                               | 0.34      | 0.33      | 0.33      | 0.33      | 0.33      |
| 2-4 = 0.334 +/- 10%                                              | 0.33      | 0.33      | 0.33      | 0.34      | 0.34      |
| 7-9 = 1.52 +/- 10%                                               | 1.51      | 1.51      | 1.52      | 1.52      | 1.52      |
| 8-10 = 1.52 +/-10%                                               | 1.51      | 1.51      | 1.53      | 1.51      | 1.51      |
| INDUCTANCE<br>(@10KHz, 1Vrms,<br>8-9 SHORT)                      |           |           |           |           |           |
| 10-7 = 5mH +/- 10%                                               | 5.16      | 5.27      | 5.25      | 5.22      | 5.29      |
| LEAKAGE INDUCTANCE<br>(@100KHz, 0.1Vrms,<br>2-3, 8-9,10-7 SHORT) |           |           |           |           |           |
| 1-4 = 10 uH MAX                                                  | 4.0       | 4.0       | 4.1       | 4.1       | 4.1       |
| INTERWINDING CAP<br>(@10KHz, 0.1Vrms,<br>2-3, 8-9 SHORT)         |           |           |           |           |           |
| 1-10 = 35 pF MAX                                                 | 27.4      | 27.6      | 27.7      | 27.6      | 27.4      |
| TURN RATIO<br>(@10KHz, 1Vrms)                                    |           |           |           |           |           |
| 10-9-7 = 1 +/-1%                                                 | 1.0       | 1.0       | 1.0       | 1.0       | 1.0       |
| 1-3 : 2-4 = 1 +/- 1%                                             | 1.0       | 1.0       | 1.0       | 1.0       | 1.0       |
| 10-7:1-4 = 2 +/- 1%<br>(@8-9, 2-3 SHORT)                         | 2.0       | 2.0       | 2.0       | 2.0       | 2.0       |
| HI-POT<br>(@1875VAC, 1mA, 2sec<br>2-3, 8-9 SHORT)                |           |           |           |           |           |
| 1-10                                                             | OK        | OK        | OK        | OK        | OK        |