

## ELECTRICAL TEST REPORT

DATE: 07/13/2007

PART NO. ATS-846R

| SPEC & SAMPLE NO.                                           | SAMPLE #1 | SAMPLE #2 | SAMPLE #3 | SAMPLE #4 | SAMPLE #5 |
|-------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| DCR : OHM                                                   |           |           |           |           |           |
| 1-4(2-3, SHORT)<br>= 3.15 +/-15%                            | 3.15      | 3.18      | 3.16      | 3.16      | 3.14      |
| 5-8(6-7, SHORT)<br>= 0.425 +/-15%                           | 0.43      | 0.43      | 0.43      | 0.44      | 0.44      |
| 16-9(11-14, SHORT)<br>= 2.05 +/-15%                         | 2.15      | 2.15      | 2.14      | 2.17      | 2.16      |
| INDUCTANCE<br>(@10KHZ, 0.1Vrms)                             |           |           |           |           |           |
| 16-9(11-14, SHORT)<br>= 1.5mH +/-8%                         | 1.52      | 1.55      | 1.52      | 1.54      | 1.52      |
| LEAKAGE INDUCTANCE<br>(@100KHZ, 0.1Vrms)                    |           |           |           |           |           |
| 16-9(11-14, 1-2-3-4<br>5-6-7-8, SHORT)<br>= 10 uH MAX       | 6.91      | 6.51      | 6.75      | 7.22      | 6.94      |
| 5-8(6-7, 1-2-3-4<br>9-11-14-16, SHORT)<br>= 1uH MAX         | 0.69      | 0.69      | 0.4       | 0.71      | 0.53      |
| 1-4(2-3, 5-6-7-8<br>9-11-14-16, SHORT)<br>= 10uH MAX        | 6.2       | 5.75      | 5.78      | 5.94      | 6.53      |
| LONGITUDINAL BAL.<br>(@1.1MHZ= 60dB MIN)                    | 69.18     | 72.44     | 70.12     | 69.3      | 68.56     |
| T.H.D<br>(@25KHZ, 2Vrms)                                    |           |           |           |           |           |
| 16-9(11-14, 2-3, 4-5<br>6-7, 1-8 W/H 100OHM)<br>= -90dB MAX | -101.8    | -100.35   | -102.82   | -102.4    | -98.17    |
| TURN RATIO<br>(@250KHZ, 0.1Vrms)                            |           |           |           |           |           |
| 16-9(11-14, SHORT):<br>5-8(6-7, SHORT)<br>= 2.5 +/-2%       | 2.5       | 2.5       | 2.5       | 2.5       | 2.5       |
| 16-9(11-14, SHORT):<br>1-4(2-3, SHORT)<br>= 1 +/-2%         | 1         | 1         | 1         | 1         | 1         |

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|-------------------------------------|-----------|-----------|-----------|-----------|-----------|
| HI-POT<br>(@1.5KVAC, 1mA, 2S)       |           |           |           |           |           |
| 1-16(2-3, 4-5, 6-7<br>11-14, SHORT) | OK        | OK        | OK        | OK        | OK        |