

ELECTRICAL TEST REPORT

DATE: 03/05/2008

PART NO. ATS-827R

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
DCR : OHM					
1-3 = 3.2 MAX	2.83	2.83	2.79	2.86	2.82
2-4 = 3.2 MAX	2.78	2.81	2.78	2.83	2.78
5-7 = 440m MAX	419	419	419	423	422
6-8 = 440m MAX	414	415	414	424	416
14-9 = 3.6 MAX	3.3	3.33	3.33	3.38	3.34
16-11 = 3.6 MAX	3.21	3.24	3.24	3.31	3.25
INDUCTANCE (@10KHZ, 0.1Vrms)					
9-16(11-14 SHORT) =1.4mH +/-10%	1.46	1.49	1.48	1.43	1.46
LEAKAGE INDUCTANCE (@100KHZ, 0.1Vrms)					
9-16(5-8, 6-7, 11-14 SHORT)= 20uH MAX	8.9	10.72	9.51	8.29	9.08
9-16(1-4, 2-3, 11-14 SHORT)= 28uH MAX	12.58	12.16	11.66	12.89	12.41
INTERWINDING CAP. (@100KHZ, 0.1Vrms)					
16-1(2-3, 11-14, SHORT) = 20pF MAX	12.2	11.95	13.1	12.7	12.02
16-5(6-7, 11-14, SHORT) = 35pF MAX	20.2	20.1	20.6	22.08	19.6
LONGITUDINAL BAL.					
20KHZ = 40dB MIN.	99.7	101.6	95.7	101.24	101.2
1.1MHZ = 40dB MIN.	72.02	72.24	70.7	67.6	73.18
T.H.D. (@30KHZ, 2Vrms)					
9-16(2-3, 6-7, 11-14 SHORT, 1-4 W/H 1K OHM 5-8 W/H 5.7 OHM) = -90dB MAX	-97.24	-96.5	-96.34	-96.76	-95.2
TURN RATIO (@100KHZ, 0.1Vrms)					
16-9(11-14, SHORT) 1-4(2-3, SHORT) = 1 +/-2%	1	1	1	1	1

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16-9(11-14, SHORT): 5-8(6-7, SHORT) = 4.2 +/-2%	4.21	4.21	4.21	4.21	4.21
HI-POT (@1875VAC, 1mA, 1S)					
16-1(2-3, 11-14 SHORT)	OK	OK	OK	OK	OK
16-1(6-7, 11-14 SHORT)	OK	OK	OK	OK	OK