

ELECTRICAL TEST REPORT

DATE: 10/09/2007

PART NO. ATS-872R

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
DCR : OHM					
1-4(2-3, SHORT) = 2.2 MAX	1.89	1.84	1.87	1.85	1.86
5-8(6-7, SHORT) = 0.7 MAX	0.55	0.53	0.54	0.53	0.53
16-9(11-14, SHORT) = 1.2 MAX	1.02	1.01	1.03	1.01	1.02
INDUCTANCE (@10KHZ, 0.1Vrms)					
16-9(11-14, SHORT) = 2mH+/-10%	1.97	2.0	1.99	2.02	2.03
LEAKAGE INDUCTANCE (@100KHZ, 0.1Vrms)					
1-4(2-3, 5-6-7-8, 9-11-14-16, SHORT) = 10uH MAX	6.75	5.26	5.48	5.11	5.41
5-8(6-7, 1-2-3-4, 9-11-14-16, SHORT) = 1.2uH MAX	0.6	0.59	0.61	0.67	0.7
16-9(11-14, 1-2-3-4, 5-6-7-8, SHORT) = 10uH MAX	8.06	5.73	5.96	5.55	6.27
INTERWINDING CAP. (@100KHZ, 1Vrms)					
16-1(9-11-14-16, 1-2-3-4, SHORT) = 30pF MAX	21.6	21.3	23.3	22.4	20.2
16-5(9-11-14-16, 5-6-7-8, SHORT) = 40pF MAX	31.7	32.0	30.8	31.6	28.5
1-5(1-2-3-4, 5-6-7-8 SHORT) = 45pF MAX	29.23	33.25	35.25	35.0	34.1
T.H.D. (@25KHZ, 2Vrms)					
16-9(11-14, 2-3, 6-7 SHORT, 1-4W/H 100 OHM, 5-8 W/H 5.6 OHM) = -82dB MAX	-91.52	-95.02	-92.64	-90.38	-96.08

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TURN RATIO (@200KHZ, 0.1Vrms)					
16-9:1-4 = 1+/-2% (11-14, 2-3, SHORT)	1	1	1	1	1
16-9:5-8 = 4.25+/-2% (11-14, 6-7, SHORT)	4.26	4.25	4.26	4.26	4.26
HI-POT (@1.5KVAC, 1mA, 2S)					
1-16(2-3, 4-5, 6-7, 11-14, SHORT)	OK	OK	OK	OK	OK