

ELECTRICAL TEST REPORT

DATE: 07/26/2007

PART NO. SM-LP-5001-2E

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
DCR : OHM 1-3 = 115 +/-15%	116.68	114.78	114.22	114.84	116.74
4-6 = 115 +/-15%	119.82	114.68	114.62	115.56	117.84
INDUCTANCE PARALLEL (@200HZ, 0.78Vrms) 1-3 = 3.8H MIN.	6.22	6.76	6.11	6.26	6.17
LEAKAGE INDUCTANCE (@1KHZ, 0.1Vrms) 1-3 (4-6 SHORT) = 5.5 mH TYP.	4.61	4.61	4.84	4.48	4.72
INSERTION LOSS (@2KHZ, 0dBm) 1-3 (4-6 W/H 600OHM) = 2dB MAX.	1.65	1.7	1.65	1.65	1.65
FREQ. RESP. REF 2KHZ 200HZ = +/-0.25dB	0.1	0.1	0.15	0.15	0.15
4KHZ = +/- 0.25dB	0	0	0	0	0
RETURN LOSS (4-6 W/H 412 OHM, 33nF) 200HZ = 24dB MIN.	30.5	29.9	29.8	30.1	29.8
2KHZ = 24dB MIN.	34.4	33.0	34.2	34.1	34.9
4KHZ = 24dB MIN.	39.3	43.6	40.9	47.4	44.2
TURN RATIO (@15KHZ, 1Vrms) 1-3:4-6 = 1 +/-1%	1	0.99	1	1	0.99
HI-POT (@4.6KVAC,1mA,1MIN) PRI-SEC	OK	OK	OK	OK	OK