

ELECTRICAL TEST REPORT

DATE: 06/28/2006

PART NO. SM51178EL

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
DCR:mOHM 1-4=150 MAX.	112	112.6	113	113.2	113.2
2-3=150 MAX.	124.2	125	125.6	124	125
6-7=12 MAX.	9.2	9.6	9.8	9.8	9.6
INDUCTANCE (@100KHZ, 0.1Vrms) 1-4=100uH +/-20%	101.7	102.45	103	101.46	101.7
2-3=100uH +/-20%	102.6	102.68	103.86	102.2	102.6
LEAKAGE IDUCTANCE (@100KHZ, 0.1Vrms, 1-4 (2-3,6-7 SHORT) =1.0uH MAX.	0.77	0.83	0.7	0.73	0.68
TURN RATIO (@100KHZ, 0.1Vrms) 1-4:2-3=1 +/-1%	1	1	0.99	1	1
1-4:6-7=3 +/-1%	3	3	3	3	3
HI-POT (@0.5KVAC,1mA,2S) 1-6	OK	OK	OK	OK	OK
2-6	OK	OK	OK	OK	OK
WINDING -CORE	OK	OK	OK	OK	OK