

ELECTRICAL TEST REPORT

DATE: 12/07/2006

PART NO. SM51188L

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
D.C.R : OHM					
1-2 = 0.18 MAX	0.126	0.128	0.135	0.127	0.127
3 - 4 = 1.4 MAX	0.98	0.99	0.99	1.0	1.0
6 - 9 = 350 MAX	311	307	307	310	307
INDUCTANCE (@10KHz, 0.1Vrms, ALC=OFF)					
1-2 = 110 uH MIN	158.3	152.2	164.5	162.7	159.7
6-9 = 670 mH MIN	909	874	937.4	949	914
LEAKAGE INDUCTANCE (@10KHz, 0.1Vrms, 6-9 SHORT)					
1-2 = 28 uH MAX	24.42.23.	88	24.08	24.6	24.16
TURN RATIO (@100KHz, 0.1Vrms) 6-9:1-2 = 78 REF	82.4	82.8	82.4	82.8	82.8
HI-POT (@1000VAC,1mA,1SEC)					
PRI - CORE	OK	OK	OK	OK	OK
SEC - CORE	OK	OK	OK	OK	OK
(@1500VAC,1mA,1SEC)					
SEC - CORE	OK	OK	OK	OK	OK