

ELECTRICAL TEST REPORT

DATE: 02/13/2007

PART NO. SM51165EL

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
DCR:OHM 1-5=6.25 MAX.	5.73	5.72	5.66	5.65	5.65
6-10=0.16 MAX.	0.15	0.14	0.14	0.14	0.14
INDUCTANCE (@10KHZ, 0.1Vrms) 1-5=855uH +/-10%	837	787	842	836	848
6-10=12uH +/-10%	12.8	12.15	12.94	12.89	12.24
LEAKAGE INDUCTANCE (@100KHZ, 0.1Vrms) 1-5 (6-10 SHORT) =65uH MAX.	47.03	48.91	49.29	49.93	48.63
INTERWINDING CAP. (@100KHZ, 0.1Vrms) 1-10=7pF MAX.	5.06	5.41	4.86	5.26	5.32
TURN RATIO (@50KHZ, 1Vrms) 1-5:6-10=8.36 +/-1%	8.35	8.37	8.34	8.35	8.36
HI-POT (@600VAC,1mA,2S) 1-10	OK	OK	OK	OK	OK