

ELECTRICAL TEST REPORT

DATE: 11/01/2007

PART NO. SM76828EL

SPEC & SAMPLE NO.	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5
DCR : OHM					
1-3 = 50+/-15%	50.69	50.63	50.67		
4-6 = 50+/-15%	50.98	50.85	50.83		
INDUCTANCE PARALLEL (@200HZ, 0.78Vrms)					
1-3 = 1.2H MIN	2.77	2.67	2.63		
RESISTANCE PARALLEL 2.5K OHM MIN					
	6.4	6.4	6.2		
LEAKAGE INDUCTANCE (@1KHZ, 0.1Vrms)					
1-3(4-6, SHORT) = 3mH MAX	2.39	2.40	2.38		
INSERTION LOSS (@2KHZ, 0dBm)					
1-3(4-6 W/H 600 OHM) = 1.5dB MAX	0.95	1.05	0.95		
FREQ. RESP. (@REF 2KHZ)					
200HZ = +/-0.6dB	0.25	0.25	0.25		
4KHZ = +/-0.6dB	-0.05	-0.1	-0.05		
RETURN LOSS 1-3(4-6 W/H 600 OHM)					
200HZ = 15dB MIN	21.8	21.8	21.5		
4KHZ = 15dB MIN	21.7	21.7	21.6		
T.H.D. (@600HZ, -10dBm)					
1-3(4-6 W/H 600 OHM INPUT 600 OHM) = -65dB MAX	-73.16	-78.63	-77.16		
TURN RATIO (@20KHZ, 0.1Vrms)					
1-3:4-6 = 1+/-2%	1	1	1		
INSULATION RESISTANCE					

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(@500VDC, 100M OHM MIN, 2SEC)	OK	OK	OK		
HI-POT (4.6KVAC, 1mA, 1MIN)					
P-S	OK	OK	OK		