



VitreK QT Enterprise 95X Test Report

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DUT Model Your Model

DUT Serial Full Format

Tested By: operator on 4/4/2022 at 14:36

Using Model 952i S/N 017909 with F/W v2.39

PASSED ALL TESTS

Step #1 DCW @ 100.00V for 2.00s PASSED

Ramp for 0.50s, No Discharge

Breakdown : 1.017mA @99.96V (10.00mA limit)

Leakage : 984.9uA to 998.6uA (Avg: 997.8uA, Final: 998.1uA)

Leakage Limits : 0.0nA to 10.00mA

Step #2 ACW @ 200.0V/60.00Hz for 2.00s PASSED

Ramp for 1.00s, No Discharge

Breakdown : 2.845mA @200.1V (10.00mA limit)

RMS Leakage : 1.992mA to 1.998mA (Avg: 1.995mA, Final: 1.997mA)

RMS Leakage Limits : 0.0nA to 10.00mA

ARC : 0.46mA to 0.87mA (Avg: 0.58mA, Final: 0.65mA)

ARC Limits : 10mA/4us

Step #3 DCIR @ 200.0V for 2.00s PASSED

Ramp for 1.00s, Fast Discharge

Breakdown : 2.017mA @199.9V (10.00mA limit)

Leakage : 100.2kOhms to 100.2kOhms (Avg: 100.2kOhms, Final: 100.2kOhms)

Leakage Limit : 20.00kOhms min

Step #4 GB @ 10.00A/60.00Hz for 2.00s PASSED

Ramp for 0.00s, Fast Discharge

RMS Load : 1.513mV to 1.531mV (Avg: 1.522mV, Final: 1.519mV)

RMS Load Limits : 0.00uV to 100.0mV

Step #5 Low Ohms PASSED

Using 2-wire method, 2s test time

Load : -121.4mOhms to -116.4mOhms (Avg: -118.7mOhms, Final: -116.4mOhms)

Load Limits : 0.00mOhms to 10.000kOhms after 0.10sec

Step #6 AC Gnd Leakage for 2.00s PASSED

Leakage : 89.2nA to 95.4nA (Avg: 92.6nA, Final: 91.8nA)

Leakage Limits : 0.0nA to 500.0uA after 0.05sec

Step #7 DC Gnd Leakage for 2.00s PASSED

Leakage : -0.4nA to -0.2nA (Avg: -0.3nA, Final: -0.4nA)

Leakage Limits : 0.0nA to 500.0uA after 0.05sec

Step #8 Breakdown at 10.00mA PASSED

Voltage : 997.5V @ 10.00mA (30.00V to 1000.0V limits)

Step #9 Positive Pulse at 100V PASSED

Ramp Time: 5.0ms, Dwell Time: 5.0

Breakdown : 0.0uA @0.00V (25.00mA limit)