

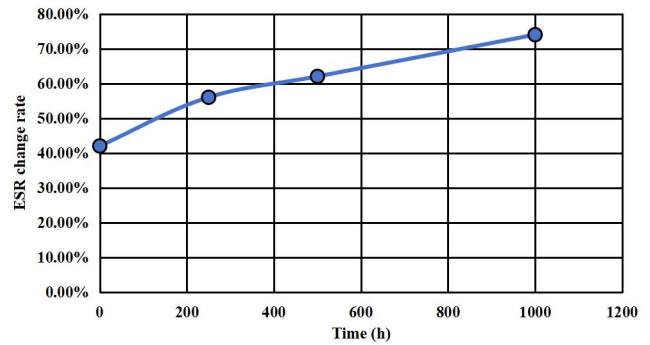
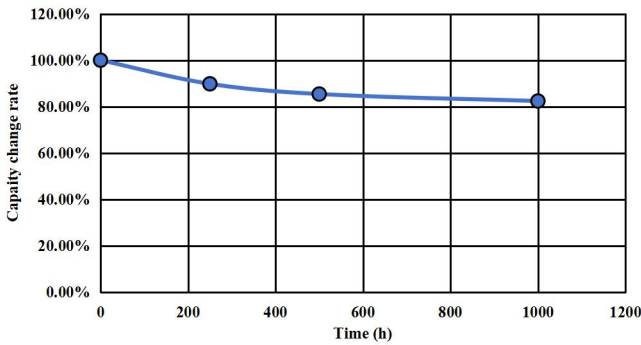
# Electrical Characteristics Data

## (CHQ Series)

● **1000 hours durability characteristics (65°C 2.7V)**

CHQ-2R7407R-TW 2.7V 400F/35x70

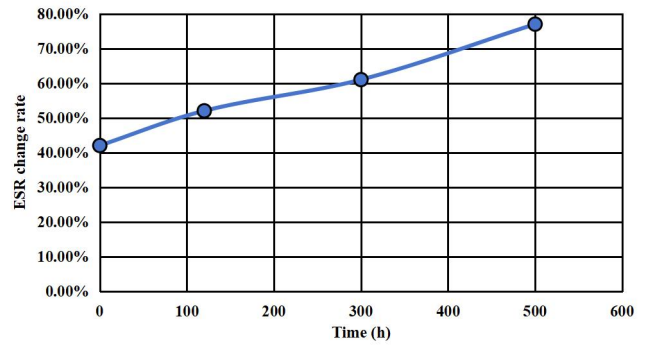
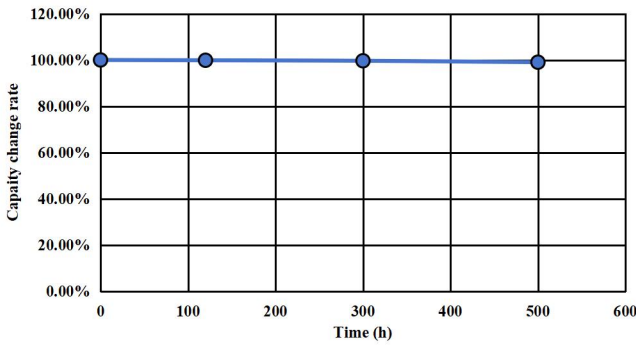
Testing Method: Subject the product to periodic performance tests by placing it in a 65°C convection oven with a 2.7V applied voltage.



● **500 Hours Steady-State Humidity and Heat Characteristics (Temperature 40°C, humidity 95%)**

CHQ-2R7407R-TW 2.7V 400F/35x70

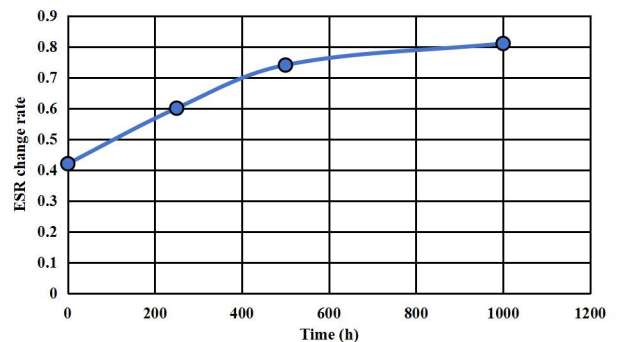
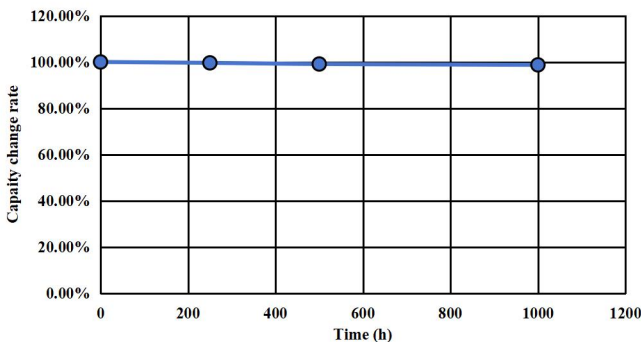
Testing Method: Place the product in a constant temperature and humidity chamber at 40°C/95%, and periodically remove the product for performance testing.



● **1000 hours of high-temperature storage (65°C)**

CHQ-2R7407R-TW 2.7V 400F/35x70

Testing Method: Place the product in a constant temperature oven at 65°C without applying voltage. Periodically, retrieve the product for performance testing.

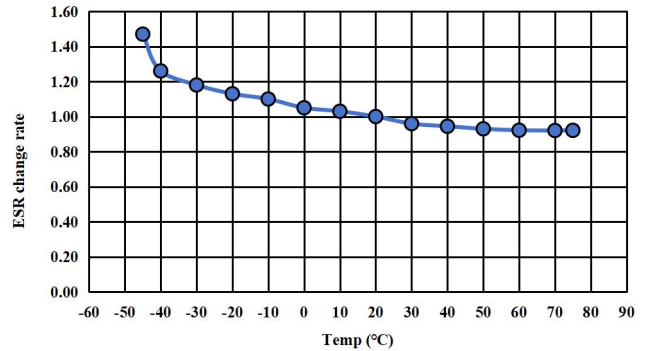
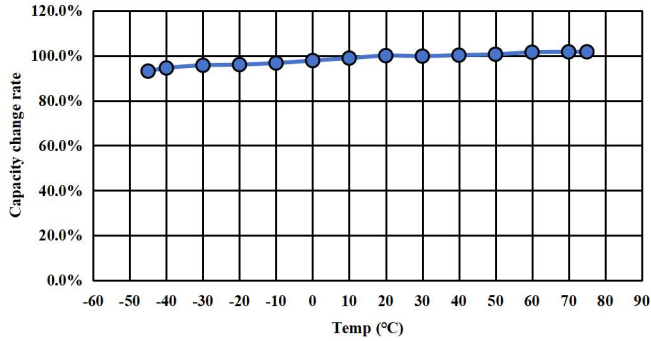


Note: If there are changes to the test data, we regret to inform you that no separate notification will be provided. We recommend obtaining technical specifications from CDA to ensure the component suits your needs.

**•Temperature Characteristics (-45 ~ +75°C)**

CHQ-2R7407R-TW 2.7V 400F/35x70

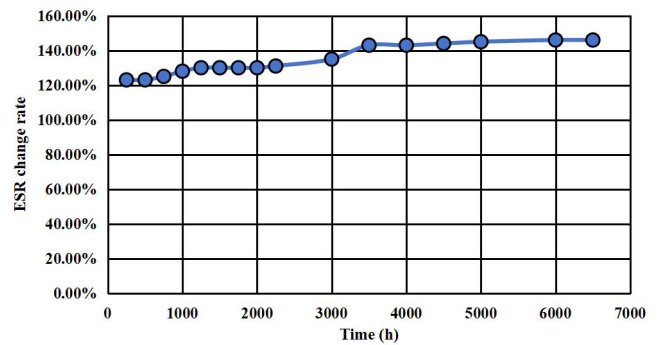
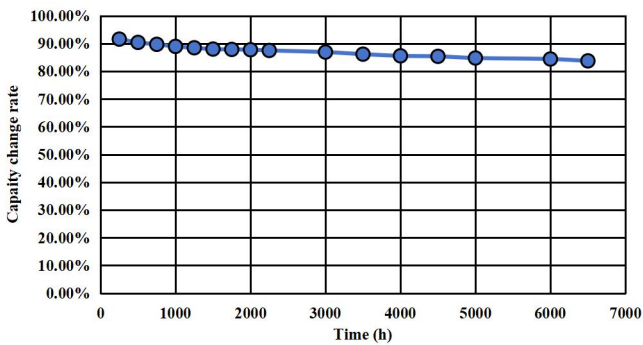
Temperature Characteristics Testing: Place the product in a high-low temperature chamber, apply the set temperature to the product, stabilize for 1 hour, and then conduct performance testing on the product.



**•Cycle Life Testing (6500 cycles) (+25°C)**

CHQ-2R7407R-TW 2.7V 400F/35x70

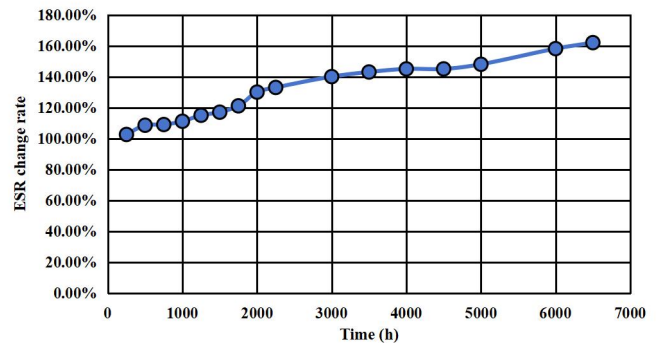
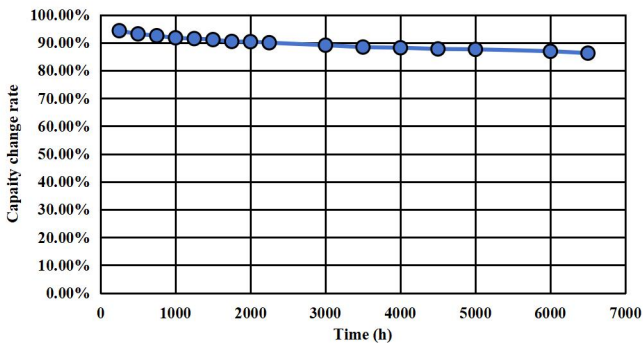
Test Method: At 25°C±2°C, charge the capacitor to 3.2V with a constant current (I=6A), hold at a constant voltage for 10s, then discharge to 1.6V, completing one cycle. Repeat for 6500 cycles to assess cycle life.



**•Cycle Life Testing (6500 cycles) (+25°C)**

CHQ-2R7507R-TW 2.7V 500F/35x85

At 25°C±2°C, charge the capacitor to 3.2V with a constant current of 6A, maintain for 10s, and discharge to 1.6V to complete one cycle.

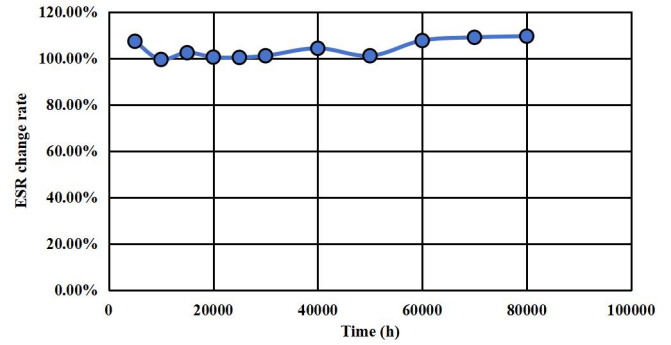
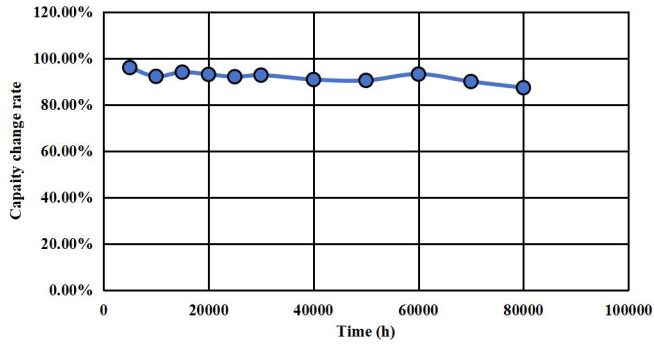


Note: If there are changes to the test data, we regret to inform you that no separate notification will be provided. We recommend obtaining technical specifications from CDA to ensure the component suits your needs.

**•Cycle Life Testing (6500 cycles) (+25°C)**

CHQ-2R7357R-TW 2.7V 350F/35x60

At 25°C±2°C, charge the capacitor to the test voltage of 3.2V with a constant current of 2.6A, maintain for 10s, and discharge to 1.6V to complete one cycle.



\*The above data is for reference. If the model parameters you require are not available, please contact CDA