

Environmental test ①

Temperature cycling test

Temperature Cycling Test (TCT) is an environmental test that confirms resistance by applying thermal stress from temperature changes.

Electronic components are made of various materials with different coefficients of thermal expansion.

For this reason, stress may be generated due to the difference in the coefficient of thermal expansion, which may lead to problems.

Therefore, an environmental test is conducted to check the durability of a specified number of cycles of stress, assuming an environment in which the temperature changes repeatedly due to external environment or self-heating.



1 Specifications

Model	Specifications
TSA-202ES-W	Inner Size: W640 × H460 × D670[mm] Temperature: -70°C to +200°C
NT-1510	Inner Size: W320 × H350 × D450[mm] Temperature: -65°C to +200°C
TSA-203ES-W	Inner Size: W650 × H460 × D670[mm] Temperature: -70.0°C to +200.0°C

2 Fee

Varies depending on the test time.
Contact us separately.

3 Application

Environmental testing of
semiconductor components

4 Required information

- 1.Purpose/Measurement Content
- 2.Sample information
 - (1)Quantity, shape, energization, weight
 - (2)Handling Precautions
- 3.Delivery Time
 - (1)Requested preliminary report due date
 - (2)Precautions
- 4.Further Consideration

We pay close attention to the details of consultations and requests with the first priority on strict adherence. In particular, a confidentiality agreement shall be entered into in the event of a request.