

Temperature Rise Current Test

Introduction

Temperature rise current

DC current flowing components leads loss caused by DC resistance, materials and structures design, then temperature of components will rise. Generally temperature rise current is defined as the rising temperature of device corresponding to the ambient temperature. Depending on the different of products and applications, this specification is 20°C or 40°C and products' actual application cannot exceed the value.

Test System

The entire test system includes a precision DC source, thermocouple or thermal imager, PCB board and shielding box without strong heat exchange.

Data Output

Single point to export the current temperature curve on the right.

