

Pulse Voltage Test

Introduction

Pulse signal and pulse voltage

Pulse signal refers to the current or voltage signal sudden changes in an instant. It may be periodically repeated, non-periodic or single once. Pulse shape take series types, such as rectangular pulse, square wave pulse, spike pulse, sawtooth pulse, step pulse and intermittent sine pulse etc. Take coil products (such as transformers, wound power inductors, etc.) pulse testing for example, the insulation performance of turn to turn and pin rooms reduce caused by winding materials, magnetic materials, skeleton, processing and other factors. We can determine the product merit or not by testing pulse voltage.

Test System

Judge the product on compare mode (area, area difference, corona discharge and phase) by using pulsed coil tester.

Test Device	Equipment Type	Voltage Range	Accuracy
Pulsed coil tester	TH2882A-5	500 V to 5000 V(100 V step)	5%±25 V