

Spike Voltage Simulator

VSS 298

Datasheet



In Compliance with

> GJB 298

Introduction

The VSS 298 is capable of generating up to 200 polarity alternating voltage spike signals to DUT in one second, the pulse interval can be set randomly from 5 ms to 1000 ms and peak voltage can be set from 50 V to 300 V, which can meet the requirement of spike signal sensitivity test on airplane power line. Polarity can be set to only positive, only negative, positive first then negative, negative first and then positive. DC coupling and protective network are built in.

Features

- > 5.7" color touch screen front panel operation
- > Built-in multifunctional testing modules
- > With test sequencing function

Application Areas

- > Military
- > Avionics

| Technical Parameters | |
|-----------------------------|---|
| Pulse Voltage | 50 V~300 V |
| Pulse Polarity | positive, negative, positive first then negative, negative first and then positive. |
| Rise time | <50 ns |
| Pulse Interval | 5 ms~1000 ms |
| No. of Pulses | 1~9999 |
| Pulse Oscillatory Frequency | 100 kHz ~ 500 kHz |
| EUT Power Supply | DC 60 V, 30 A/50 A |

| Accessories |
|---|
| User Manual, Testing Line, Power Line, Grounding Line, Fuse |

| General Parameters | |
|----------------------|--|
| Display Screen | 5.7" TFT touch screen |
| Working Power | AC 110 V/220 V ($\pm 10\%$), 50 Hz/ 60 Hz (AC 220 V 50 Hz in mainland China) |
| Fuse | 6 A |
| Dimension | 19"/4U |
| Weight | Approx. 18.5 kg |
| Ambient Temperature | 15 °C ~ 35°C |
| Relative Humidity | 45%~75% |
| Atmospheric Pressure | 86 kPa~106 kPa |



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