MODEL : PTHY2002

SIDAC(TRISIL) Tester

Key Features :

The PTHY2002 Tester is highly reliable and precise, and is capable of testing and classifying most parameters including the ID, VBO, IBO, IH and VT

It has a modularized design making is very easy to maintain.

It is equipped with a standard RS232 interface to allow connection with personal computers to allow for bi-directional transfer of the parameters' settings and data acquisition to PCs.

It is designed with your choice of Kevin polarizing circuitry or fixed direction testing.

There are two types of interface connectors for connecting with various mechanisms to provide them with the total of the 8 bins' pinouts and handshaking control signals such as: EOT and SOT.

The bins' output offers the choice of 24V or 12V power.

This model uses 16 bits of D/A and A/D converters making it highly precise and reliable.

The SIDAC Tester Model PTHY2002 tests a wide range of SIDAC device characteristics. The testing parameters include leakage current ID, Clamping voltage VBO, IBO clamping current, IH holding current, and On state voltage VT, and also has a classification function. It is designed to test normal direction testing, reverse direction testing and bi-directional testing. The ability to perform Normal and Reverse testing improves the testing performance when connected with any auto-mechanisms. This means that you can connect two PTHY2002s to test both sides of a SIDAC device, one tester is set to Normal direction testing and the other is set to Reverse direction testing so that a SIDAC testing time is reduced by 50%. In addition, the PTHY2002 utilizes various interfaces with multiple mechanisms and may be used in conjunction with production management software developed by Xceltron Technologies.

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