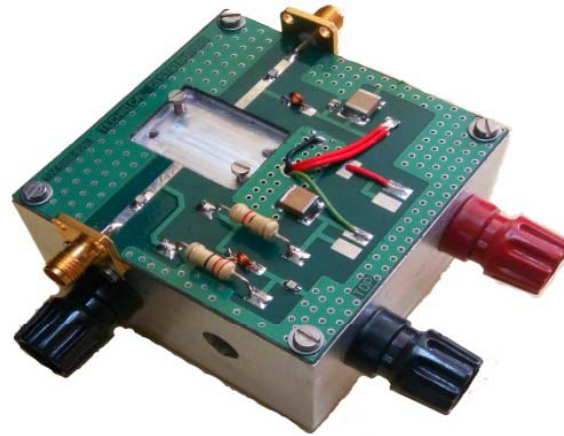


Test Jig for TIM 5359-80SL



User Manual

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User Manual

Overview

- The test jig has been designed for the performance evaluation of the device, GaAsFET - TIM5359-80SL
- The user manual gives a brief overview on the precautions taken by us to ensure good performance of the jig as well instructions to be followed by the user during powering
- The design is unique and has been carried out based on requirements from our esteemed customers

User Manual

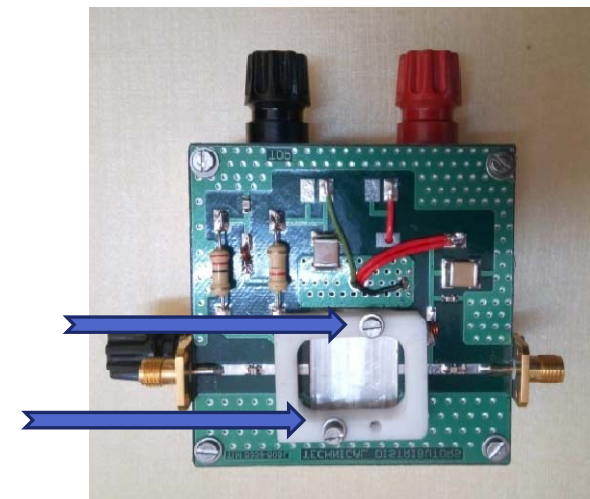
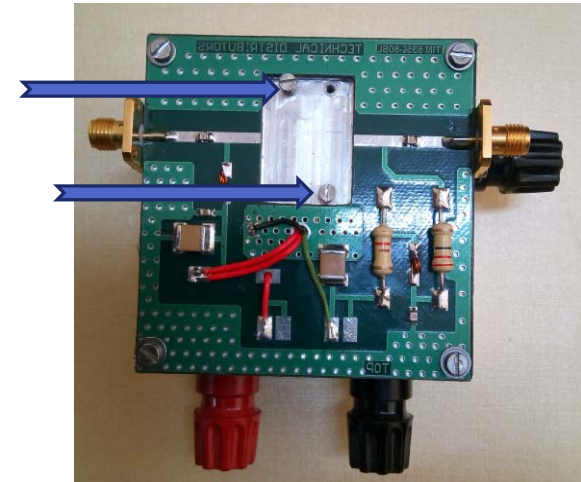
Steps taken to ensure good performance from the device when using Test jig:

- Provided four screws (two screws directly and two screws through Teflon piece) to mount the device directly to the Aluminum block
 - ensures proper grounding of source. Source is the device body, it will get good ground plane and also helps transfer heat when using in CW mode of testing.
- Provided spring loaded Teflon piece at the Gate and Drain terminals
 - ensures proper connection required to get good S-parameters. Non conductive rubber piece (helps to prevent damage device Terminal) fixed between the contact area of Teflon and Terminals of device.
- Provided Banana sockets for powering
 - ensures easy power supply connection during powering of the Test jig

User Manual

General Instructions

1. Check whether the device terminals are straight
2. Keep the device in the specified location and mount it using two screws diagonally
3. Apply Torque of maximum 15cNm
4. Keep teflon piece over the device and mount remaining spring loaded two screws
5. Gently tight the screws of teflon piece. Do not give any force
6. Connect input and output cables
7. Switch on the test jig



User Manual

Spares

- ❖ Spares are provided for items which are prone to wear and tear
- ❖ For the TM5359-80SL test jig, the following spares are provided by us
 - ✓ Resistors: 2 nos
 - ✓ Screws :4nos
 - ✓ Springs :2nos

Thank You