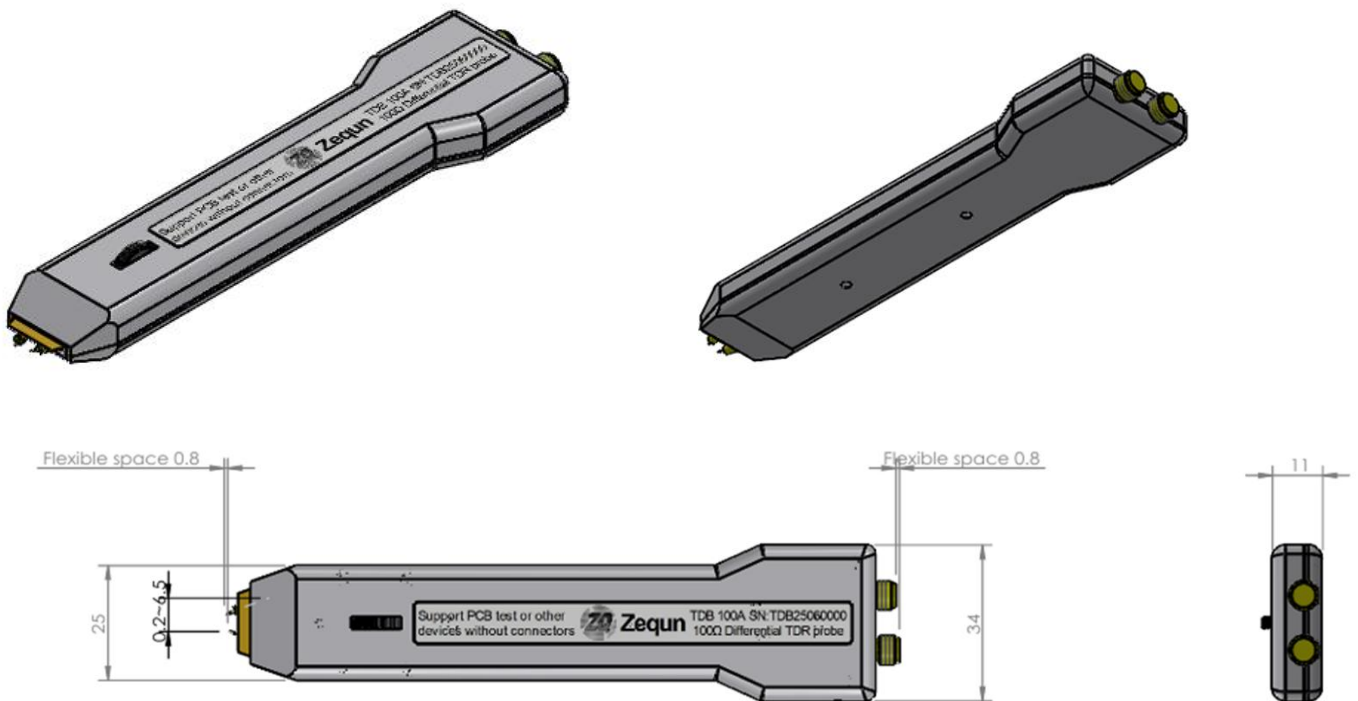


# ZeQun TDR Probe

## Datasheet



ZeQun TDR Probes enables high-fidelity impedance measurements of Single-Ended or Differential transmission lines. The adjustable probe pitch covers a wide variety of line spacing and impedances. Meanwhile, a flexible spring design strengthens the contact between probe tips and DUT and extends the usage of lifetime.

### Features and benefits :

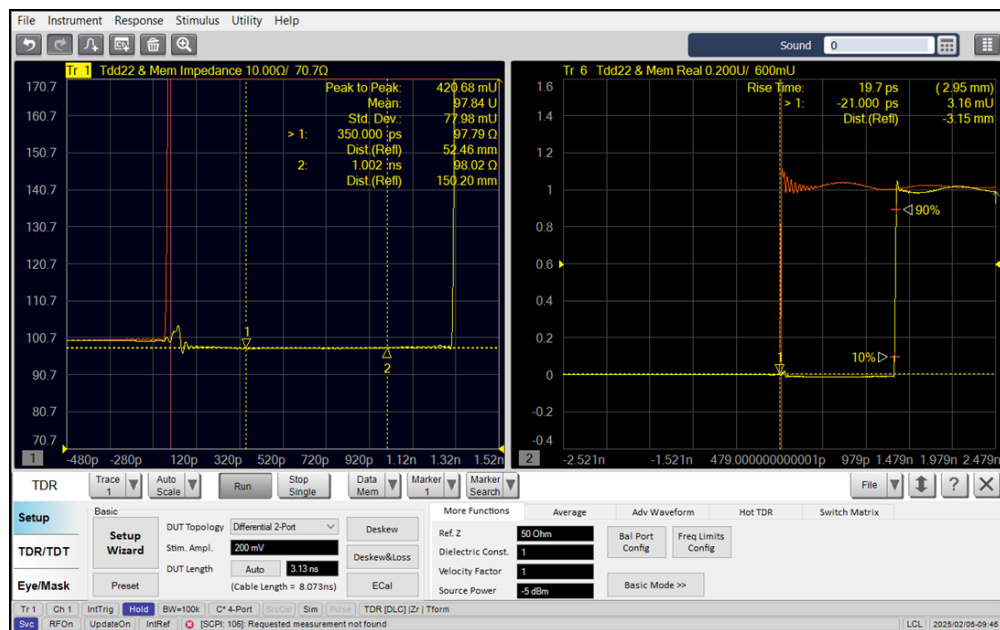
- 30 GHz bandwidth.
- Direct In-circuit TDR Testing.
- Wide Range Adjustable Probe Pitch.
- Probing of Fully Balanced Differential Signals.
- Easy to Handle and to attach on the Fixture.

### Application :

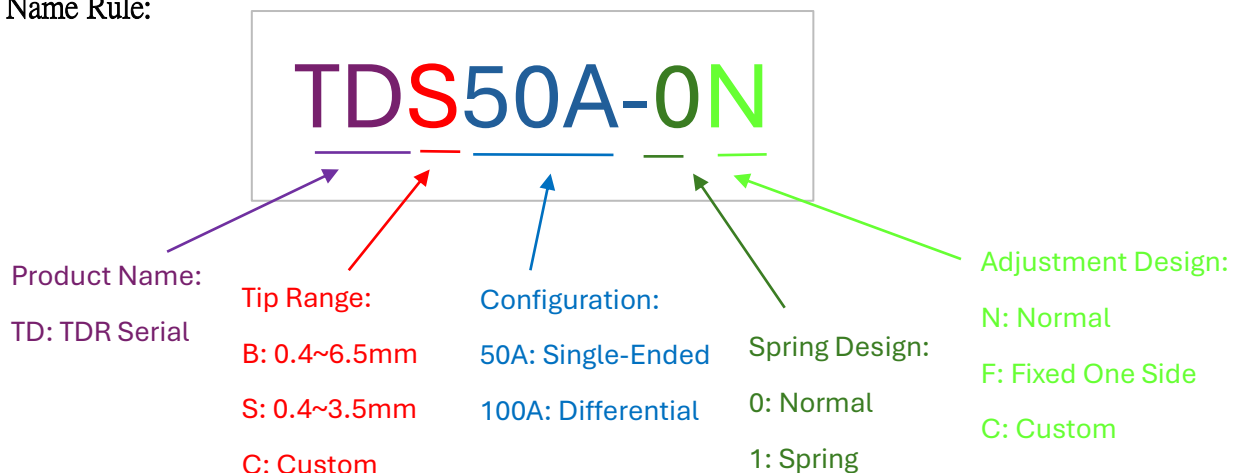
- Circuit-board Controlled Impedance Testing.
- Loss Tangent Measurements for Differential Transmission Lines.
- Failure Analysis of PCB with or without Components Mounted.

Specifications	Differential	Single-Ended
Connector type	2.92 Female	
Frequency Range	DC to 30GHz	
Rise Time(ps)	<20	
Probe Pitch(mm)	0.4 to 6.5 (signal tip to signal tip)	
Impedance( $\Omega$ )	100 +/-2	50 +/-1
Tip Configuration	SS	SG or GS
Mechanical Life	3000 cycles	

Tested Performance:



Product Name Rule:



<https://www.zequntek.com/>