

Component Parameter Test Instruments

A. TH2822M Mini LCR Tweezer

Features

- Smart and portable appearance design
- Provide three input impedance to automatically match the measurements
- With DCR, conduction function
- About 12mA ultra low power consumption
- Optional frequency up to 10kHz
- Intelligent automatic LCR selection function
- 1%, 5%, 10%, 20% tolerance comparison mode
- D / Q resolution 0.001
- Data display save function
- The battery can be charged at power on and off
- Real-time function configuration selection and work status saving ability
- Standard Mini-USB communication interface, SCPI command set



Dimension (mm): 181.5(W) x 34(H) x 20(D)
Weight: 0.05kg

TH2822M

Applications

- Impedance parameter evaluation of passive components
- Impedance evaluation of printed circuit boards, relays, switches, batteries, etc.
- Mainly used for some small package SMT components

Specifications

Model	TH2822M
Function	
Display	LCD liquid crystal display
Basic measurement accuracy	0.5%
Frequency	100Hz, 125Hz, 1kHz, 10kHz
AC signal level	0.5 Vrms
Signal source output impedance	100Ω, 1kΩ, 10kΩ
DCR measurement function	YES
Test parameters	Primary parameters: L / C / R / Z / DCR / OS Secondary parameters: D/Q/θ
Test speed	2 times / sec
Equivalent mode	Series , Parallel
Parameters and equivalent mode	Manual, AUTO
Range mode	AUTO
Test terminal configuration	Two-terminal
Tolerance compare mode	1%, 5%, 10%, 20%
Communication interface	Mini-USB (virtual serial port)
Power supply	
Battery model	MLK 403030, 3.7V 200mAH rechargeable battery
Auto Power Off	30sec, 60sec, 120sec

Standard Accessories

MINI USB Communication cable
TH26028A AC power adapter