



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Data Sheet

Model 878A

Dual Display Auto Ranging LCR Meter

Model 879

Deluxe Dual Display Auto Ranging LCR Meter

The 878A and 879 measure capacitance, resistance (of non-inductive components) and inductance. Components can be measured with selectable test frequencies in series or parallel modes as desired. The 4 1/2 digit main LCD displays values to 19,999, and the secondary 3 digit 1,000 count display reads D or Q. Both models can be used in either auto ranging or manual ranging modes.

Features

- Selectable test frequencies 100Hz, 120Hz, 1KHz, 10KHz (100Hz & 10KHz model 879 only)
- Simultaneously displays measured component value and Q or Dissipation Factor (D)
- Display hold
- Relative mode
- Tolerance mode
- Backlight (model 879)
- RS 232 Interface (cable and software required)



878A



879

Specifications	Models	
	879	878A
Parameters Measured	L/C/R/D/Q/	L/C/R/D/Q
Measuring Circuit Mode	Inductance (L) -Defaults to series mode Capacitance/ Resistance (C/R) -Defaults to parallel mode	
Displays	L/C/R: Maximum display 19999 D/Q: Maximum display 999 (Auto Range).	
Ranging Mode	Auto & Manual	
Measuring Terminals	3 terminals with sockets	
Test Frequency	100Hz=100 Hz 120Hz= 120 Hz 1KHz =1010 Hz 10KHz= 9.6 KHz	120Hz= 120 Hz 1KHz =1010 Hz
Accuracy: ±0.1 %		
Backlit display	Included	Excluded
Tolerance mode	1%, 5%, 10%, 20%	1%, 5%, 10%
Test Signal Level	0.6Vrms approx.	
Measuring Rate	1 time/second, nominal	
Response time	Approx. 1 second/ DUT (device under test) (@ manual range)	
Auto Power-Off	5 minutes approx. without operation	
Temperature Coefficient	0.15 x (Specified Accuracy) / °(0-18° or 28-40°)	
Operation Temperature	0° to 40°; 0-70% R.H.	
Storage Temperature	-20° to +50°; 0-80% R.H.	
Low Battery Indication	Approx. 6.8V	
Power Consumption	Approx. 40mA for operation/ 0.08mA after Auto Power-off.	
Power Requirements	1) DC 9V Battery 2) Ext. DC Adaptor: DC 12Vmin -15Vmax. (Load 50mA Min.)	
Protective Fuse	0.1A/250V Fuse (input protective)	
Standard Accessories	Test alligator clips (pair) DC 9V Battery. User manual	

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Specifications subject to change without notice