

Smart Electronic Components Tester **multicomp** PRO

**RoHS
Compliant**



Features

- Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and diode selection
- 6000 counts LCD display
- Auto scan DC/AC Voltage, resistance, capacitance, diode and continuity
- Auto Power Off
- Wide capacitance range
- Diode Check & Continuity Test

Specifications

Range	Resolution	Accuracy
DC Voltage (Auto-ranging)		
600.0mV	0.1mV	±0.5% of rdg ± 2 digits
6.000V	1mV	
50.00V	10mV	
Input Impedance: 10MΩ Maximum Input: 50V DC or 50V AC rms		
AC Voltage (Auto-ranging)		
600.0mV	0.1mV	±0.8% of rdg ± 5 digits
6.000V	1mV	±0.8% of rdg ± 3 digits
50.00V	10mV	
Input Impedance: 10MΩ AC Response: 50Hz 60Hz Maximum Input: 50V DC or 50V AC rms.		
Resistance (Ω)(Auto-ranging)		
600.0Ω	0.1Ω	±1.5% of rdg ± 8 digits
6.000kΩ	1Ω	
60.00kΩ	10Ω	
600.0kΩ	100Ω	
6.000MΩ	1kΩ	±2.5% of rdg ± 8 digits
60.00MΩ	10kΩ	
Note: When auto scan mode is set, the 60.00MΩ range is omitted.		

Smart Electronic Components Tester **multicomp** PRO

Range	Resolution	Accuracy
Capacitance (Auto-ranging)		
Range	Resolution	Accuracy
6.000nF	1pF	±5.0% of rdg ± 20 digits
60.00nF	10pF	±5.0% of rdg ± 7 digits
600.0nF	0.1nF	±3.0% of rdg ± 5 digits
6.000uF	1nF	
60.00uF	10nF	
600.0uF	0.1uF	
6.000mF	0.001mF	±10% of rdg ± 10 digits
60.00mF	10.00mF	
Note: The 6.000mF and 60.00mF both range is not available to auto scan mode		
Diode Test		
Test current	Resolution	Accuracy
1mA	1mV	±10% of rdg ± 5 digits
Typical/Open		
MAX 3V		
Open circuit voltage: MAX 3V DC		

Audible continuity
 Audible threshold: Less than 30Ω Test current MAX 1.5mA
 Overload protection: 1000Vdc or AC rms.

Part Number Table

Description	Part Number
Smart Electronic Components Tester	MP781004

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 sg.element14.com/b/multicomp-pro

multicomp PRO