



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Data Sheet

Digital Mode Specifications		models		
		889A		
TEST SIGNAL				
Frequency	100Hz, 120Hz, 1kHz, 10kHz, 100kHz, 200kHz			
Frequency Accuracy	± 0.1%			
Level	1Vrms, 0.25Vrms, 0.05Vrms, 1Vdc (for DCR)			
level Accuracy	± 5%			
Output Impedance	100Ω, ± 5%			
Measurement Range				
Impedance (Z):	Frequency	Max.	Min.	Best Resolution
	DCR	20MΩ	0.1Ω	0.001
	100Hz	20MΩ	0.1Ω	0.001
	120Hz	20MΩ	0.1Ω	0.001
	1kHz	20MΩ	0.1Ω	0.001
	10kHz	20MΩ	0.1Ω	0.001
	100kHz	20MΩ	0.1Ω	0.001
Capacitance (C):	Frequency	Max.	Min.	Best Resolution
	100Hz	15.91mF	79.57pF	0.001
	120Hz	13.26mF	66.31pF	0.001
	1kHz	1.591mF	7.957pF	0.001
	10kHz	159.1μF	0.795pF	0.001
	100kHz	15.91μF	0.159pF	0.001
Inductance (L):	Frequency	Max.	Min.	Best Resolution
	100Hz	9999H	159.1μH	0.001
	120Hz	9999H	132.6μH	0.001
	1kHz	3183H	15.91μH	0.001
	10kHz	318.3H	1.591μH	0.001
	100kHz	31.83H	0.159μH	0.001
200kHz	15.91H	0.079μH	0.001	
GENERAL				
Operating Temperature	32° to 104°F (0° to 40°C)			
Storage Temperature	-4° to 158°F (-20° to 70°C)			
Relative Humidity	up to 85%			
AC Operation	110V/220V AC, 60/50Hz			
Dimensions (LxWxH)	11.8" x 8.7" x 5.9" (300 x 220 x 150mm)			
Weight	10 lbs (4.5kg)			
Accessories		Two Year Warranty		
SUPPLIED: Instruction Manual, Kelvin Probe, Line Cord				



Model 889A
Bench LCR/ESR Meter with Component Test

The B&K Precision Corp. 889A Synthesized In-Circuit LCR/ESR Meter is a high accuracy test instrument used for measuring inductors, capacitors and resistors with a basic accuracy of 0.1%. Also, with the built-in functions of DC/AC Voltage/Current measurements and Diode/Audible Continuity checks, the 889A can not only help engineers and students to understand the characteristics of electronics components but also being an essential tool on any service bench.

Features:

- Measurement parameters: Z, L, C, DCR, ESR, D, Q, ACV, DCV, ACA, DCA and Ø
- Test conditions: 100Hz, 120Hz, 1kHz, 10kHz, 100kHz, 200kHz, 1Vrms, 0.25Vrms, 0.05Vrms
- 0.1% basic accuracy
- Dual LCD display
- Very quick response, user friendly
- Fully auto/manual selection
- DC resistance measurement
- RS-232 interface capability