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Detailed Specifications

Function	Range	Resolution	Accuracy
ACmV1.2	50.00mV	0.001mV	
	500.00mV	0.01 mV	
	3000.0mV	0.1mV	
AC V1.2	5.000V	0.0001V	
	500.00V	0.01V	
	1000.0V	0.1V	
dBV	-56 to -6	0.01dB	
	-6 to +34	0.01dB	
	+34 to +60	0.01dB	
AC mA	50.000mA	0.001mA	
AC A	10.000A	0.001A	
DC V	1000.0V	0.0001A	
DC μ A	500.00 μ A	0.01 μ A	
Resistance	500.0 Ω	0.1 Ω	10%+2
Conductance	50.00nS	0.01nS	1%+10
Capacitance ²	1.000nF	0.001nF	2%+5
	50.00mF	0.01mF ⁵	3%+10
Diode test ¹	3.1000V	0.0001V	2%+10
Frequency	500.00Hz	0.01 Hz	
	5.0000kHz	0.0001kHz	
	50.000kHz	0.001kHz	
	999.99kHz	0.01kHz	
Temperature	-200 to +1350°C	0.1°C	±(1% of reading + 1°C) ±1.2
	-328 to +2462°F	0.1°F	±(1% of reading + 1.8°F) ±1.2

Input Impedance

Function	Input impedance (Nominal)	Volts, mV
	10 M Ω < 100pF	
	Common Mode Rejection	>90 dB at dc, 50 Hz or 60 Hz ± 0.1%
	Normal mode rejection	>90 dB at 50 Hz or 60Hz ± 0.1%
	DC Volts, mV	>90dB dc to 60 Hz
	Open circuit Test Voltage	To 5M Ω
	Full-Scale Voltage	30 to 500M Ω + nS
		3.1V
Ohms	< 5 V	500 mV
Diode Test	< 5 V	3.1000V
	Typical Short-Circuit Current	3.1000V
		500k Ω 500 k Ω 5M Ω 30M Ω
Ohms	1 μ A 100 μ A	1 μ A 10 μ A
	1.0mA Typical	0.1 μ A 0.1 μ A
Diode Test		