

LCR and Digital Multimeter

Part No. 01DMMS8222H

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MS8222H TECHNICAL SPECIFICATIONS

DC VOLTAGE

RANGE	RESOLUTION	ACCURACY
200mV	0.1mV	+/- (0.5% of rdg + 3 digit)
2V	0.001V	“
20V	0.01V	“
200V	0.1V	“
1000V	1V	+/- (0.8% of rdg + 3 digits)

AC VOLTAGE

200mV	0.1mV	+/- (1.0% of rdg + 5 digits)
2V	0.001V	“
20V	0.01V	“
200V	0.1V	“
700V	1V	+/- (1.2% of rdg + 5 digits)

FREQUENCY

20kHz	0.01kHz	+/- (1.5% of rdg + 5 digits)
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RESISTANCE

200Ω	0.1Ω	+/- (1.0% of rdg + 3 digits)
2kΩ	1Ω	“
20kΩ	10Ω	“
200kΩ	100Ω	“
2MΩ	1kΩ	“
20MΩ	10kΩ	“
200MΩ	0.1MΩ	+/- (5.0% of (rdg + 3 digits))

DC CURRENT

2mA	0.001mA	+/- (1.0% of rdg + 3 digit)
20mA	0.01mA	“
200mA	0.1mA	+/- (1.5% of rdg + 5 digit)
10A	0.01A	+/- (2.0% of rdg + 5 digit)

AC CURRENT

2mA	0.001mA	+/- (1.2% of rdg + 5 digit)
20mA	0.01mA	+/- (1.2% of rdg + 5 digit)
200mA	0.1mA	+/- (2.0% of rdg + 5 digit)
10A	0.01A	+/- (3.0% of rdg + 5 digit)

CAPACITANCE

RANGE	RESOLUTION	ACCURACY
2nF	0.001nF	+/- (4.0% of rdg + 5 digits)
20nF	0.01nF	“
200nF	0.1nF	“
2uF	0.001uF	“
20uF	0.01uF	“

INDUCTANCE

2mH	0.001mH	+/- (4.0% of rdg + 5 digits)
20mH	0.01mH	“
200mH	0.1mH	“
2H	0.001H	“
20H	0.01H	“

TEMPERATURE

-20 deg. C – 1000 deg.C	1 deg. C	+/- (3.0% of rdg + 3 digits)
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TRANSISTOR

RANGE	DESCRIPTION	TEST CONDITION
hFE	Display read approx. HFE	Base current approx.
“	value (0-1000) of transis-	10uA, Vce aprox.
“	under test (all type)	2.8V.