



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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Milliohm Meter Calibration Resistor

FEATURES

- Compact, lightweight, portable and easy to operate
- Excellent performance versus cost
- Resistive pattern designed to minimize difference performance between AC and DC
- Certificate of Calibration and Inspection sheets traceable to NMIJ* are provided only for DC operation at shipment
 *NMIJ: National Metrology Institute of Japan

MASS AND SIZE

- Mass: 150g (0.33 lbs)
- Size: 50 D × 44 H × 65 W mm

CUSTOMIZED SPECIFICATIONS

Available for any customized resistance value. Contact to our sales for more details.

DESCRIPTION

The MSR series is a standard resistor whose internal construction and terminals are designed to optimize AC characteristics and minimize the effect of thermo-



electromotive force, respectively. The MSR is a compact suitable standard resistor for daily calibration of milliohm meters, etc. Although the MSR series is a low cost, easy to use product, it offers both high stability and low temperature coefficient. The MSR is most suitable as a standard resistor to be used on the job site.

SPECIFICATIONS										
Series	Nominal Value	Accuracy	Temp. Coefficient	AC Characteristics 1kHz (Ref. Value)	Stability	Power Rating	Max. Working Temp.	Max. Working Current	Max. Working Voltage	Working Temp. Range
		ppm	ppm/°C	%						
MSR-1N0	1 mΩ	500	±15	±0.3	±25	0.1	50	10.0	10.0	0~50
MSR-10N	10 mΩ		±10	±0.1				3.16	31.6	
MSR-R10	100 mΩ	±5	1.00					100		