

PRECISION RESISTOR MODULE**Functions & Features**

- Attached to the base socket of M-UNIT, H-UNIT and other plug-in type signal conditioners in order that the units are able to accept a DC current input

MODEL: REM-[1]**ORDERING INFORMATION**

- Code number: REM-[1]

Specify a code from below for [1].

(e.g. REM-250)

[1]RESISTANCE VALUE

10: 10 Ω

50: 50 Ω

62.5: 62.5 Ω

100: 100 Ω

250: 250 Ω

500: 500 Ω

1k: 1 k Ω

GENERAL SPECIFICATIONS**Material**

Resistor: Manganine (winding)

Enclosure: Acmerite #100 (black)

Molding: epoxy resin (black)

Leg: nickel-plated phosphor bronze

CURRENT-VOLTAGE CONVERSION TABLE

CURRENT RESISTANCE	0 – 1mA DC	0 – 10mA DC	0 – 16mA DC	0 – 20mA DC
10 Ω	0 – 10mV DC	0 – 100mV DC	0 – 160mV DC	0 – 200mV DC
50 Ω				0 – 1V DC
62.5 Ω			0 – 1V DC	
100 Ω	0 – 100mV DC	0 – 1V DC		
250 Ω				0 – 5V DC
500 Ω		0 – 5V DC		0 – 10V DC
1k Ω	0 – 1V DC			

CURRENT RESISTANCE	2 – 10mA DC	4 – 20mA DC	10 – 50mA DC
10 Ω	20 – 100mV DC	40 – 200mV DC	100 – 500mV DC
50 Ω	100 – 500mV DC	0.2 – 1V DC	0.5 – 2.5V DC
62.5 Ω			
100 Ω		0.4 – 2V DC	1 – 5V DC
250 Ω		1 – 5V DC	
500 Ω	1 – 5V DC		
1k Ω			

INSTALLATION

Operating temperature: -10 to +60°C (14 to 140°F)

Operating humidity: 30 to 90 %RH (non-condensing)

Weight: Approx. 5 g (0.18 oz)

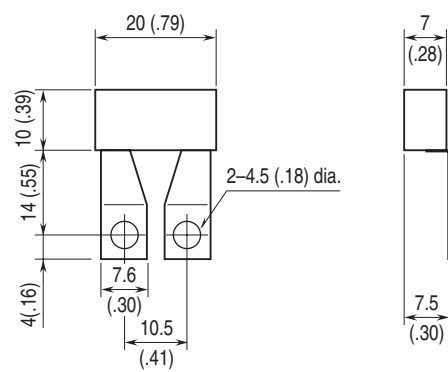
PERFORMANCE

Accuracy: $\pm 0.1\%$

Temp. coefficient: ± 30 ppm/°C (± 16.7 ppm/°F)

Rated wattage: 0.5 W at 60°C or 140°F

DIMENSIONS unit: mm (inch)



Specifications are subject to change without notice.