

# DC VOLTMETER & AMMETER

## AP-540



### ■ Features

- Bright LED, 14.2 mm (Red)
- Thin Case (Depth 34.5 mm)
- Power supply DC 5V (Non-isolated)
- 200 mV~200 V measurement

### ■ DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-540-11	±199.99mV	10 $\mu$ V	100M	±100V
AP-540-12	±1.9999V	100 $\mu$ V	100M	±100V
AP-540-13	±19.999V	1mV	1M	±250V
AP-540-14	±199.99V	10mV	1M	±500V

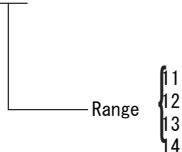
Accuracy:  $\pm (0.03\% \text{ of rdg} + 1 \text{ digit})$  (23 $^{\circ}$ C 45~75%RH)

### ■ Specifications

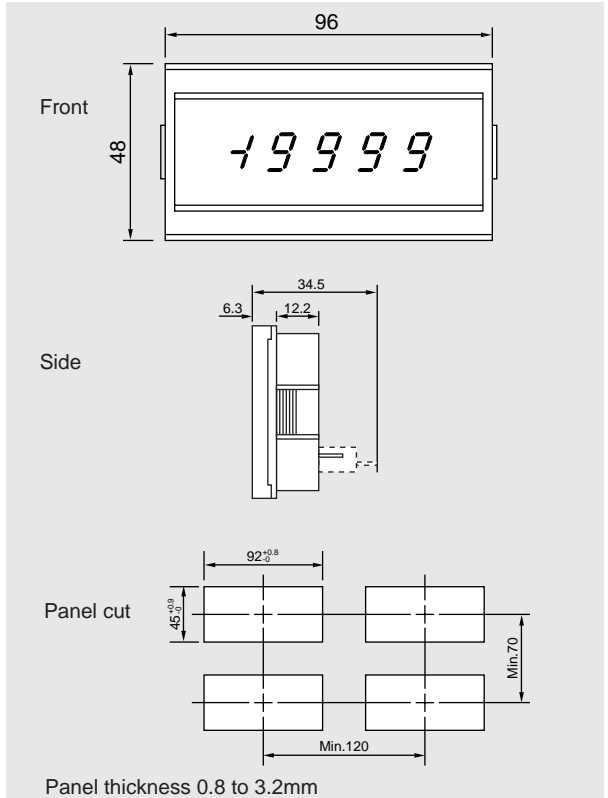
Input configuration:	Single ended
Input bias current:	100 pA (TYP.)
Conversion rate:	2.5/sec
Normal mode rejection:	More than NMR50dB (50/60 Hz)
Maximum display:	19999
Overrange indication:	When input exceeds the maximum display, 0000 flashes
Display:	LED, 14.2 mm (Red)
Polarity:	A "-" is displayed automatically
Hold:	START/HOLD terminal and 0 V shorted or level "0"
Start:	START/HOLD terminal and 0 V open or level "1"
Decimal point:	Settable to any digit position
Operating temperature:	0~50 $^{\circ}$ C 35~85%RH
Power supply:	DC 5 V $\pm$ 5%
Power consumption:	75 mA (Max.)
Dimensions:	48 (H) · 96 (W) · 34.5 (D)mm DIN size
Weight (unit):	Approx. 60 g
Dielectric strength:	Between LO and case, AC 1500 V/1 min.
Insulation resistance:	More than DC 500 V 100 M at the above terminals
Accessory:	Connector, instruction manual

### ■ Ordering Code

AP-540-□□



### ■ Dimensions



### ■ Connection Diagram

