

Decade Capacitor TYPE 6250B Series



Type 6250B is a decade capacitor whose value can be set as 1 pF to 100 μ F for 4-terminal measurement.

Type 6250B can be used as a standard for calibrating LCR meters as its excellent accuracy and stability.

Features

- Capacitance 1 pF ~ 100 μ F available.
- Excellent accuracy, temperature coefficient and long term stability make 6250B suitable for calibration standard.
- Direct connection to LCR can be made due to 4-terminal construction.
- OPEN or SHORT correction can be made while connected to LCR.
- Capacitance and dissipation factor can be selected

Specifications

Item/Model	TYPE 6250B Series
Capacitance Range	1 pF, 10 pF, 100 pF, 1000 pF, 10 nF, 100 nF, 1 μ F, 10 μ F, 100 μ F
Accuracy	1 pF \pm 1 % (1 kHz) 10 pF, 100 pF, 1000 pF, 10 nF, 100 nF, 1 μ F (1 kHz) 10 μ F, 100 μ F \pm 0.5 % (120 Hz)
Dissipation Factor	1 pF, 10 pF, 100 pF, 1000 pF, 10 nF, 100 nF, 1 μ F Less Than 0.0005 (1 kHz) 10 μ F, 100 μ F Less Than 0.005 (120 Hz)
Temperature Coefficient	Less Than \pm 20 ppm/ $^{\circ}$ C
Stability	\pm 100 ppm/Year
Max. Applied Voltage/Current	Less Than 50 Vdc (15 Vac) / 1A
Dimension(WxDxH)mm	210mm \times 120mm \times 190mm
Weight	Approx.2.2 kg

- Specifications are subject to change without prior notice.
- Contact us for special and custom configurations which are available.