

Figure 1. Physical Photo of the ATCDB12

#### **MAIN FEATURES**

Wide Adjustable Range: 1pF to 100μF

⇒ High Adjustment Resolution: 1pF

⇒ High Accuracy: ±5%

Compact Size

Durable Metal Enclosure

□ 100 % Lead (Pb)-free and RoHS Compliant

## **APPLICATIONS**

Tuning Networks

Doing Experiments

# **DESCRIPTIONS**

ATCDB12 is an accurate knob dial type capacitor decade box. Because of the main features listed above, it is a very useful tool for tuning analog electronic circuits where changing a capacitance is necessary.

### **SPECIFICATIONS**

Adjustment Range for Each Dial:

1pF to 9pF; 10pF to 90pF; 100pF to 900pF; 1nF to 9nF; 10nF to 90nF; 100nF to 900nF; 1μF to 9μF; 10μF to 90μF

Arr Tolerance:  $\pm 5\%$  (15°C to 35°C)

⇒ Residual Capacitance: ≈ 47pF

Resolution: 1pF

Maximum Voltage:

Capacitance	Max. Voltage (V <sub>MAX</sub> )
1pF~399.999nF	50
400nF~999.999nF	25
1μF~9.999999μF	16
10μF ~99.999999μF	6.3

 $\triangleright$  Dimensions: 76×168×43 (mm)

Weight: 300g

○ Operating Temperature: -40°C to 60°C



Figure 2. Front View of the ATCDB12

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