



**Electric Double Layer Capacitor Type DB**

**Δ Features**

- Small size, large capacity, excellent voltage holding
- Uniform 5mm Pitch of terminal spacing
- Wider temperature range (-25 ~ +70° C) than battery makes periodic changes unnecessary

**Δ Applications**

- Ideal for backing up of CMOS's, Microcomputers, RAM's and the like used in VCR's, tuners, TV sets, Telephone sets and others



**Δ Specifications**

Item		Performance					
Category temperature range (°C)		-25 to +70					
Tolerance at rated capacitance (%)		-20 to +80					
Internal resistance at 1kHz	Rated Capacitance (F)	0.047	0.1	0.22	0.33	0.47	1.0
	Internal Resistance (Ω)	120	75	75	75	30	30
Characteristics at high and low temp	Percentage of Capacitance Change	Within ±30% of value at 20°C					
	Internal Resistance	Less than five times the value at 20°C					
Endurance	Test time	1000 hours					
	Percentage of capacitance change	Within ±30% of the initial measure value					
	Internal Resistance	Within four times the initial specified value					
Shelf Life (70°)		Test time: 1000 hours ; same as endurance					

**Δ Standard Ratings**

Rated Voltage (V)	Rated Capacitance (F)	ΦDxL(mm)
5.5	0.047	13.5x7.5
5.5	0.1	13.5x7.5
5.5	0.22	13.5x7.5
5.5	0.33	13.5x7.5
5.5	0.47	21.5x8.0
5.5	1.0	21.5x8.0

NOTE: Part Numbering System  
 (1) (2) (3) (4)  
 DB 106 M 1H

- 1 Series
- 2 Capacitance
- 3 Tolerance
- 4 Working Voltage

