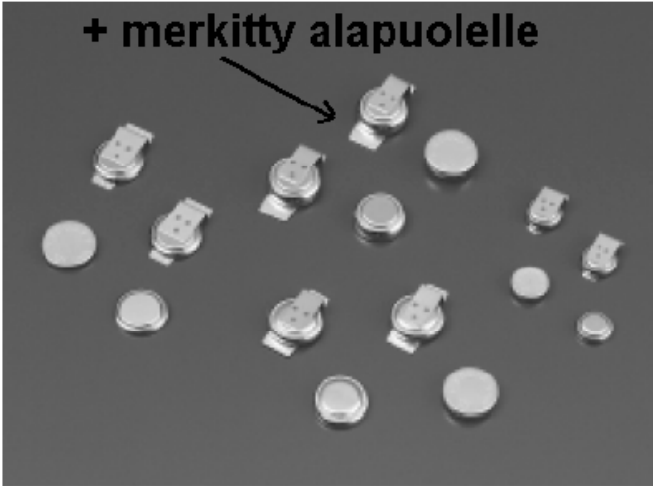


Reflowable XC Capacitor < 2.5V Rated Voltage Type >

+ merkitty alapuolelle



Using chemically-stable large surface area activated carbon as electrode, this new type of capacitor features high-capacitance, low-impedance, high-rated voltage, and long-term reliability through unique sealing technology. Moreover, using original heat resistant materials and cell design, the capacitor allows reflow soldering in response to the demand of automatic mounting.

FEATURES

- Able to conduct reflow soldering
- Large-capacitance
Higher-capacitance of 0.3F is available for size 621($\phi 6.8 \times 2.1\text{mm}$), compared to conventional electric double layer capacitors.
- Low-impedance & Excellent charge-discharge rate.
Impedance is less than that of conventional capacitors, and it realizes quick charge, discharge.
- High-rated voltage
2.5V rated operating voltage allows for flexible design.
- Long cycle life over 100,000times
- Excellent long-term reliability
There is no characteristic deterioration due to over-charge and overdischarge.
- Charge/discharge circuit is very simple (constant voltage charge)

APPLICATIONS

- Back up for memory and clock function, in various electronic equipments, cellular phones, cameras, PDA, Faxmachines, VTR, TV, printer, pagers, etc.
- Combined use with solar cells.
- Auxiliary power supply for voltage drop of battery.

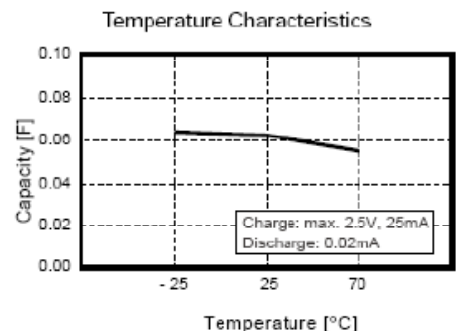
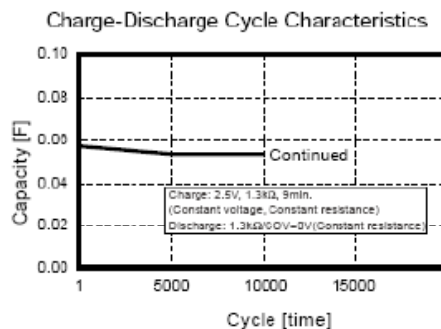
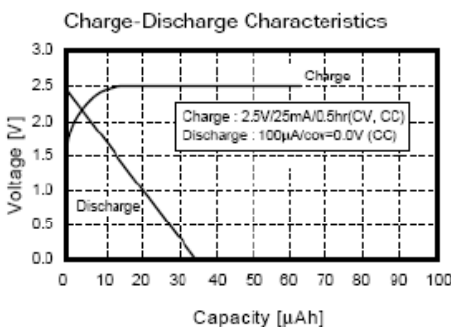
SPECIFICATIONS

Type	Electrical Characteristics(at Room Temperature)*			Dimensions		Weight (g)
	Rated Operating Voltage (V)	Electrostatic Capacity (F)	Internal Resistance (Ω)	Diameter (mm)	Height (mm)	
XC414	2.5	0.06	60	4.8	1.4	0.06
XC609	2.5	0.07	25	6.8	0.9	0.14
XC614	2.8	0.18	25	6.8	1.4	0.16
XC624	2.5	0.30	25	6.8	2.1	0.21

*Operating Temperature Range: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$

CHARACTERISTICS

XC414



XC614

