

● Features

- Snap-in type terminals
- High energy and high power
- Low temperature(-40℃) usage available for 2.7V products
- High temperature(70℃) usage available for 2.5V products
- Pb-free and RoHS compliant

● Applications

- Sag Protector(Voltage Dip Compensator), Local power assist in automobiles, Electric Vehicles, e-Bike, Golf trolley
- Fuel cell application, Solar energy application



● Specifications

Items	Characteristics	
Rated working voltage	2.5 VDC	2.7 VDC
Operating temperature	-25 to +70℃	-40 to +60℃
Nominal Cap. Range	100F / 200F / 400F	
Capacitance tolerance	-20% to +40% (at 25℃)	
Endurance	Capacitance change : $\pm 30\%$ of initial measured value Internal resistance : $\leq 400\%$ of specified value (After 1,000hours application of rated DC working voltage at +60 / +70℃, the capacitor shall meet the following limits.)	
Shelf life	After 1,000hours storage at +60/+70℃ without load, the capacitor shall meet the specified limit for "Endurance"	

● Dimensions in mm(not to scale)

(-) Negative terminal indicated by cross notching

Product	ΦDxLxF(mm)
DL 100F	22x45x10
DL 200F	25x70x10
DL 400F	35x60x10

● Standard products

Part number	Operating Voltage (V)	Capacitance (F)	ESR		E _{max} (Wh/kg)	I _{rated} (Amp.)
			(Ω, @AC 1kHz)	(Ω, DC)		
DL 2R5 107	2.5	100	≤ 0.018	≤ 0.018	3.72	11
DL 2R5 207	2.5	200	≤ 0.016	≤ 0.016	3.69	20
DL 2R5 407	2.5	400	≤ 0.015	≤ 0.015	4.56	30
DL 2R7 107	2.7	100	≤ 0.014	≤ 0.014	4.82	20
DL 2R7 207	2.7	200	≤ 0.013	≤ 0.013	4.87	40
DL 2R7 407	2.7	400	≤ 0.010	≤ 0.010	5.87	50

Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process