

## Features

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

## Applications

- Wind Turbine, 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°C	-40 to +60°C
Nominal Cap. Range	100F / 360F / 400F	
Capacitance tolerance	-20% to +40% (at 25°C)	
Endurance	After 1,000 hours Application of rated DC working voltage at +60/70°C, the capacitor shall meet the following limits. <ul style="list-style-type: none"> <li>• Capacitance change : <math>\pm 30\%</math> of initial measured value</li> <li>• Internal resistance : <math>\leq 200\%</math> of spec. value</li> </ul>	
Shelf life	After 1,000hours storage at +60/+70°C without load, the capacitor shall meet the specified limit for "Endurance"	

## Dimensions in mm(not to scale)

Product	ΦDxLxP(mm)
DL 100F	22x45x10
DL 360F	35x60x10
DL 400F	35x60x10

## Standard products

Part number	Operating Voltage (V)	Capacitance (F)	ESR		Irated (A)
			(Ω, @AC 1kHz)	(Ω, DC)	
DL 2R5 107	2.5	100	$\leq 0.018$	$\leq 0.027$	11
DL 2R5 367	2.5	360	$\leq 0.009$	$\leq 0.018$	25
DL 2R5 407E*	2.5	400	$\leq 0.016$	$\leq 0.030$	8
DL 2R7 107	2.7	100	$\leq 0.009$	$\leq 0.014$	20
DL 2R7 367	2.7	360	$\leq 0.005$	$\leq 0.008$	45
DL 2R7 407E*	2.7	400	$\leq 0.012$	$\leq 0.025$	15

\* DL 2R5 407E\* and DL 2R7 407E\* products are suitable for energy back-up application such as solar LED lamps.

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