

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"> • Capacitance change : ±30% of initial measured value • Internal resistance : ≤200% of spec. value 	
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	≤0.018	≤0.027	11
DL 2R5 367	2.5	360	≤0.009	≤0.018	25
DL 2R5 407E*	2.5	400	≤0.016	≤0.030	8
DL 2R7 107	2.7	100	≤0.009	≤0.014	20
DL 2R7 367	2.7	360	≤0.005	≤0.008	45
DL 2R7 407E*	2.7	400	≤0.012	≤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