DL series

STARCAP

| 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 |

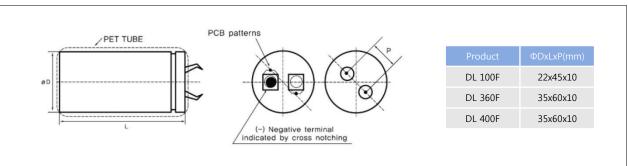
- Wind Turbine, Voltage Dip Compensator, Local power assist in automobiles, Electric Vehicles, e-Bike, Golf trolley
- Fuel cell application, Solar energy application

| 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. • Capacitance change : ±30% of initial measured value • Internal resistance : ≤200% of spec. value			
Shelf life	After 1,000hours storage at $+60/+70^{\circ}$ C without load, the capacitor shall meet the specified limit for "Endurance"			

| Dimensions in mm(not to scale) |



| Standard products |

Part number	Operating Voltage (V)	Capacitance (F)	ESR		Irated (A)
			(Ω, @AC 1kHz)	(Ω, DC)	inateu (A)
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	₹20.030	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

KORCHIP