DL series



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

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

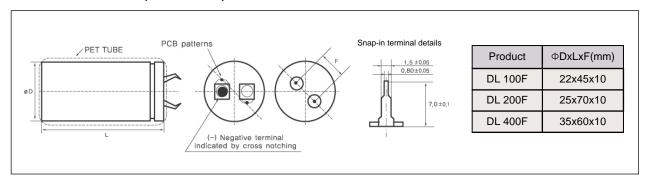




Specifications

Items	Characteristics				
Rated working voltage	2.5 VDC	2.7 VDC			
Operating temperature	-25 to +70℃	-40 to +60 °C			
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 $^{\circ}$ C, the capacitor shall meet the following limits.)				
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)



Standard products

Part number	Operating Voltage (V)	Capacitance (F)	ESR		Emax	Irated
			(Ω, @AC 1kHz)	(Ω, DC)	(Wh/kg)	(Amp.)
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

Homepage: http://www.korchip.com

Head office: 82-31-361-8031~6 (Fax: 82-31-361-8080)

E-mail: starcap@korchip.com

