



Power Type

NL Series



Features

- High capacitance and low-resistance
- Quick charge & discharge
- Environmentally friendly products
- RoHS compliant
- UL recognized

Recommended Applications

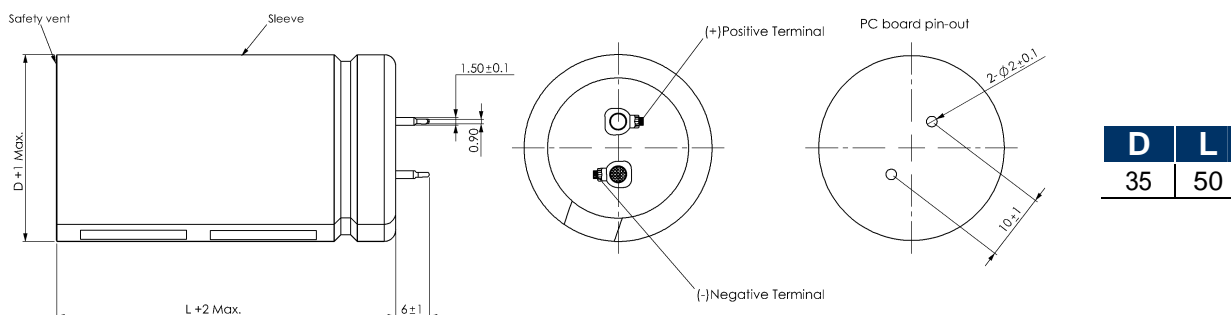
- Pulse power demand
- Hybrid battery packs
- Power tools



Specification

Items	Characteristics		
Rated Voltage	2.7 V		
Surge Voltage	2.85 V		
Capacitance Tolerance	-20 % / +20 %		
Operating Temperature	-40 ℃ to 65 ℃		
Storage Temperature	-40 ℃ to 70 ℃		
Endurance	1000hr @65℃ at Rated Voltage	△C	Within ±30% of initial measured value
		ESR	Within 2 times of initial specified value
Life time	10y @ 25 ℃ at Rated Voltage	△C	Within ±30% of initial measured value
		ESR	Within 2 times of initial specified value
Cycle Life	500k cycles	△C	Within ±30% of initial measured value
		ESR	Within 2 times of initial specified value
	Cycle: between specified voltage and half voltage under constant current at 25℃		

Dimensions



Standard Ratings

Rated Cap (F)	Size (mm)	Internal Resistance (mΩ)		LC (mA)	Stored Energy	Specific Energy		Specific Power		Max. Current	Isc	Weight (g)	Part Number
measure at 25°C	ΦDXL	AC (1kHz)	DC	72hrs, 25°C	(Wh)	(Wh/kg)	(Wh/l)	Pd (W/kg)	Pmax (W/kg)	1s to 1/2V (A)	(A)		
300	35X50	7	13	0.80	0.3038	5.3289	6.3174	1181	4568	82.653	208	57	SNL2R73073550

