

DLCAP™ DLC Series



2.5V Power type



- With the original electrode process, high energy density implementation is possible
- Charge/discharge efficiency are higher than in batteries
- Environment-friendly
- Suited for electricity storage, battery assistance, short-term backups, etc.

◆SPECIFICATIONS

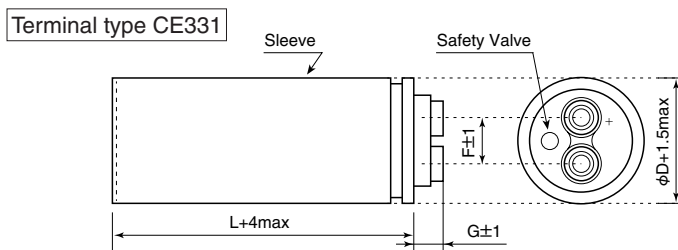
Items	Specifications	
Operating Temperature	-25°C to +60°C	
Rated Voltage	2.5V _{dc}	
Capacitance Tolerance	±10% (K) (at 20°C)	
Temperature Characteristics	Capacitance change	≤±30% of the initial measured value at 20°C
	Internal Resistance	≤600% of the value given in the Ratings Tables (at -25°C)
Load Life Test	After the capacitors are subjected to the rated DC voltage at 60°C for 2,000 hours, the following specifications shall be satisfied when the capacitors are restored to 20°C.	
	Capacitance change	≤±30% of the initial measured value
	Internal Resistance	≤200% of the value given in the Ratings Table
Bias Humidity Test	After the capacitors are subjected to the rated DC voltage at 40°C and 90 to 95%RH for 500 hours, the following specifications shall be satisfied when restoring to 20°C.	
	Capacitance change	≤±30% of the initial measured value
	Internal Resistance	≤200% of the value given in the Ratings Tables

◆STANDARD RATINGS

Rated Voltage [V]	Capacitance [F]	Case Size		F [mm]	G [mm]	Internal Resistance* [mΩ]	Weight** [g]	Part No.
		φD [mm]	L [mm]					
2.5	350	35	65	12.7	6.0	8	90	DDL2R5LGN351KA65S
	700		105			5	160	DDL2R5LGN701KAA5S
	1,400	40	150	17.0	2.5	280	DDL2R5LGN142KBF0S	
	2,100	50	150	22.4	7.0	1.8	420	DDL2R5LGN212KCF0S

* typical data (at 20°C) ** reference data

◆DIMENSIONS [mm]

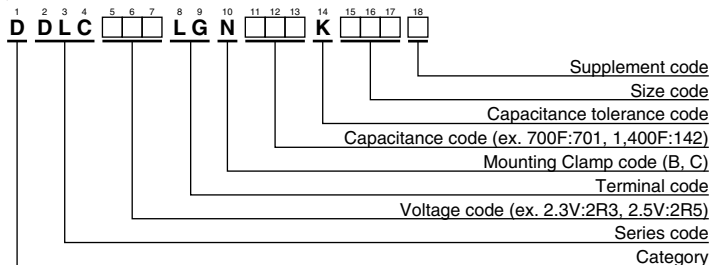


<Screw specification>

Plus hexagon-headed screw : M5×0.8×10

Maximum screw tightening torque : 3.23Nm

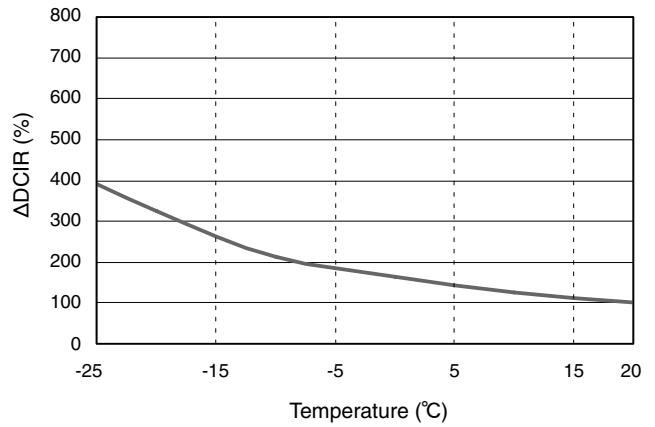
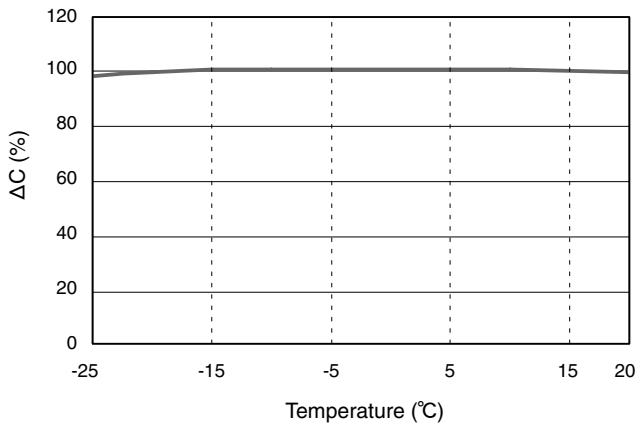
◆PART NUMBERING SYSTEM



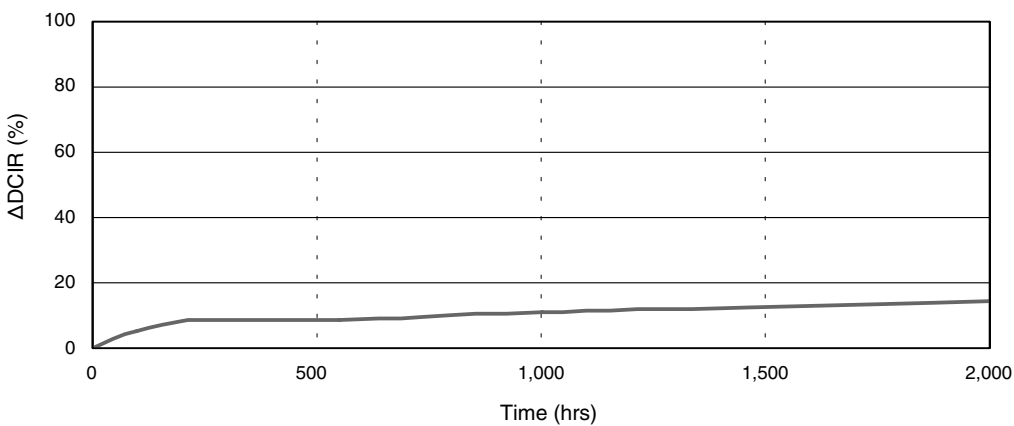
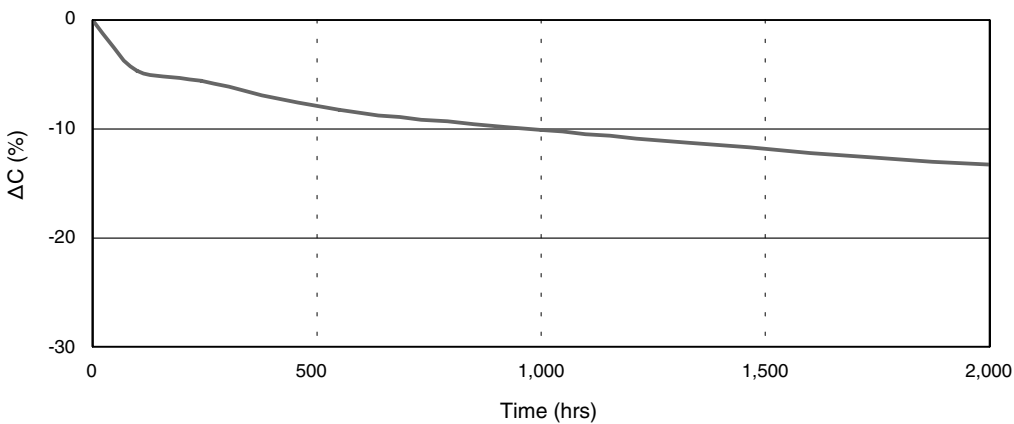
Please refer to "A guide to global code (screw-mount terminal type)"

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◆Temperature dependence of Capacitance & DCIR



◆60°C Load Life Test



Special designs are available on requests.

Note : The specifications are subject to change without notice