# DLCAP™ DLA Series

RoHS Compliant

**2.5V Standard 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℃ to +60℃ | | |
| Rated Voltage | 2.5Vdc | | |
| Capacitance Tolerance | ±10% (K) | | (at 20℃) |
| Temperature Characteristics | Capacitance change | ≦±30% of the initial measured value at 20℃ | |
| | Internal Resistance | ≦600% of the value given in the Ratings Tables | (at -25℃) |
| Load Life Test | After the capacitors are subjected to the rated DC voltage at 60℃ for 2,000 hours, the following specifications shall be satisfied when the capacitors are restored to 20℃. | | |
| | 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℃ and 90 to 95%RH for 500 hours, the following specifications shall be satisfied when restoring to 20℃. | | |
| | Capacitance change | ≦±30% of the initial measured value | |
| | Internal Resistance | ≦200% of the value given in the Ratings Tables | |

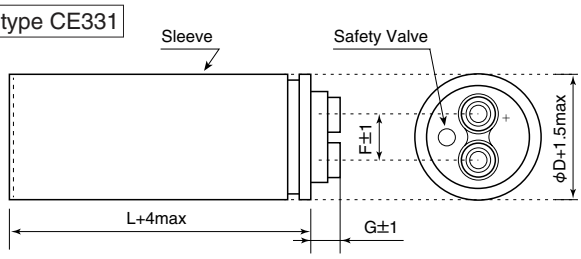
## ◆STANDARD RATINGS

| Rated Voltage [V] | Capacitance [F] | Case Size φD [mm] | Case Size L [mm] | F [mm] | G [mm] | Internal Resistance* [mΩ] | Weight** [g] | Part No. |
|---|---|---|---|---|---|---|---|---|
| 2.5 | 350 | 35 | 65 | 12.7 | 6.0 | 10 | 90 | DDLA2R5LGN351KA65S |
| | 700 | | 105 | | | 5.5 | 160 | DDLA2R5LGN701KAA5S |
| | 1,300 | 40 | 150 | 17.0 | | 3 | 280 | DDLA2R5LGN132KBF0S |
| | 2,000 | 50 | 150 | 22.4 | 7.0 | 2 | 420 | DDLA2R5LGN202KCF0S |

* typical data (at 20℃) ** reference data

## ◆DIMENSIONS [mm]

Terminal type CE331

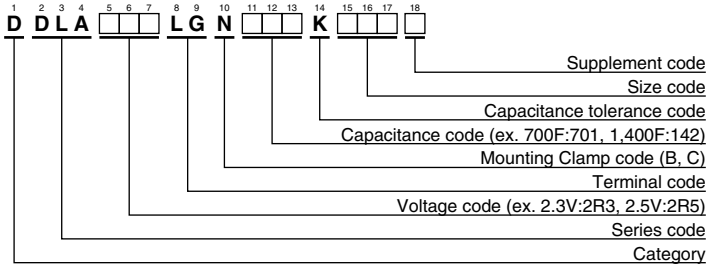



<Screw specification>

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)"

Special designs are available on requests.

Note : The specifications are subject to change without notice

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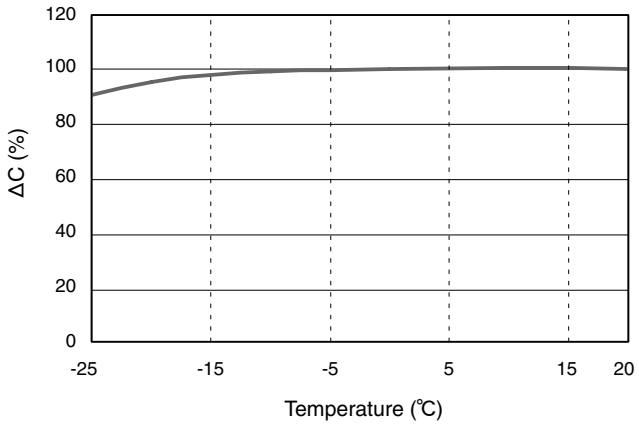
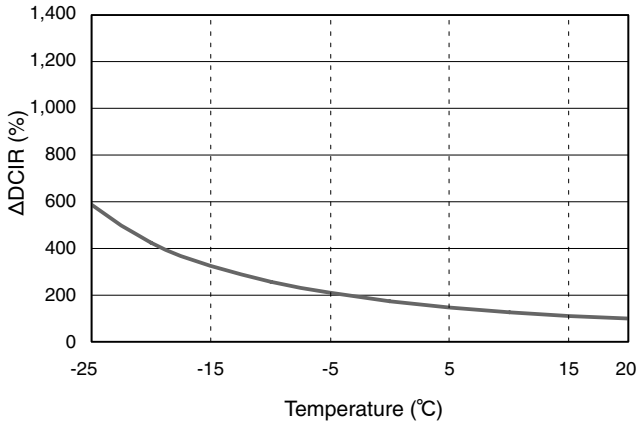
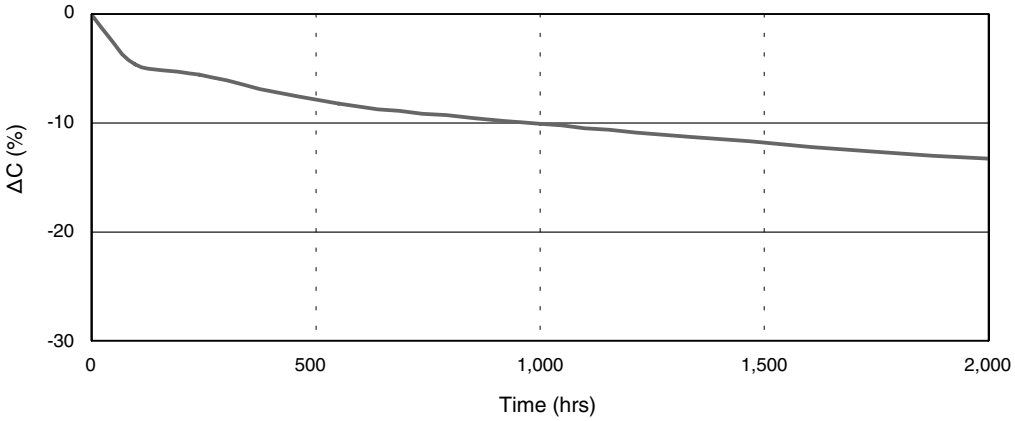
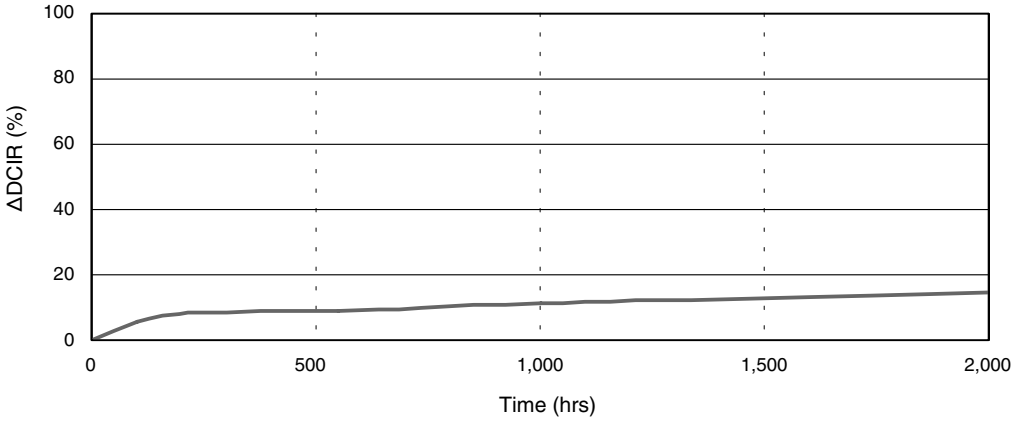
## ◆Temperature dependance of Capacitance & DCIR




## ◆60℃ Load Life Test

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