DLCAP™ DLE series

RoHS Compliant

- Achieved high energy density with our unique electrode process technology.
- Higher charge/discharge efficiency than batteries.
- Environment-friendly
- Suitable for electricity storage, battery assistance, short-term backups, etc.

◆SPECIFICATIONS

Items	Specifications		
Operating Temperature	-25℃ ～ ＋60℃		
Capacitance Tolerance	±10% (K)		(20℃)
Temperature Characteristics	Capacitance Change	≦±30% of the initial measured value at 20℃	
	Internal Resistance Change	≦600% of the value given in the ratings tables	(-25℃)
Load Life Test	After the capacitors are subjected to the rated DC voltage at 60℃ for 2000 hours, the following specifications shall be satisfied when they are restored to 20℃.		
	Capacitance Change	≦±30% of the initial measured value at 20℃	
	Internal Resistance Change	≦200% of the value given in the ratings tables	
Bias Humidity Test	After the capacitors are left at 40℃ and 90 to 95%RH for 500 hours, the following specifications shall be satisfied when they are restored to 20℃.		
	Capacitance Change	≦±30% of the initial measured value at 20℃	
	Internal Resistance Change	≦200% of the value given in the ratings tables	

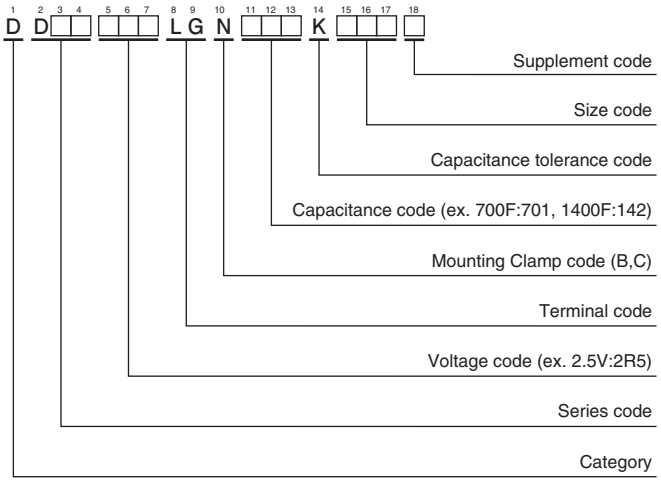
◆STANDARD RATINGS

●DLE series

Rated Voltage [V]	Capacitance [F]	Case Size φD [mm]	Case Size L [mm]	F [mm]	F_2 [mm]	G [mm]	Internal Resistance* [mΩ]	Weight** [g]	Stored Energy [wh]	Part No.
2.5	350	35	65	12.7	8.7	6.0	8.0	90	0.3	DDLE2R5LGN351KA65S
	700	35	105	12.7	8.7	6.0	4.0	160	0.6	DDLE2R5LGN701KAA5S
	1400	40	150	17.0	10.2	7.0	2.2	280	1.2	DDLE2R5LGN142KBF0S
	2300	50	172	22.1	11.9	7.0	1.2	490	2.0	DDLE2R5LGN232KCH2S

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

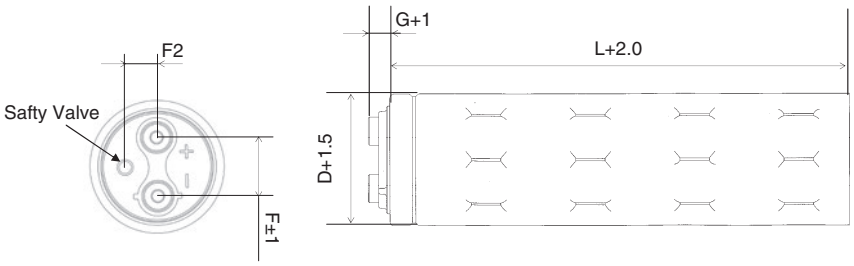
◆PART NUMBERING SYSTEM



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

DLCAP™ DLE series

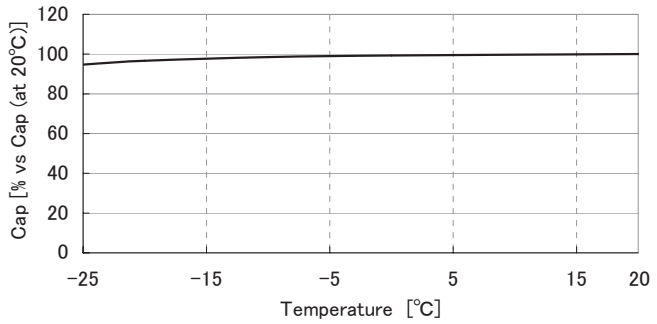
◆DIMENSIONS（CE331）[mm]

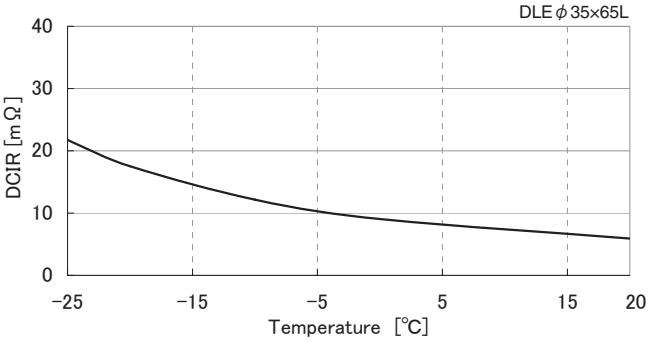


＜Screw specification＞
Plus hexagon-headed screw : M5×0.8×10

Maximum screw tightening torque : 3.23Nm

◆Temperature Characteristics of Capacitance & DCIR





◆60℃ Load Life Test