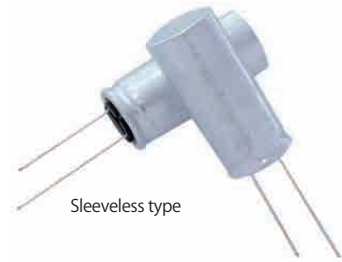


Radial Lead type

DLCAP™ **DKH** series

- High Voltage
- Long Life
- 20°C
- +85°C
- RoHS2 Compliant

- Improved rated Voltage 2.7V⇒3.0V
- High Endurance Rating with 2,000h at 3.0V 65°C, 3.2V 50°C and 2.6V 85°C
- Space saving with smaller volume when moduled
- Suitable for electricity backups



Sleeveless type

◆SPECIFICATIONS

Items	Specifications
Operating Temperature	-20°C ~ +85°C
Capacitance Tolerance	±10% (K) <span style="float: right;">(25°C)</span>
Temperature Characteristics	Capacitance Change $\leq \pm 30\%$ of the measured value at 20°C
	Internal Resistance Change $\leq 600\%$ of the internal resistance maximum value given in the ratings tables <span style="float: right;">(-20°C)</span>
Load Life Test	After the capacitors are subjected to the rated DC voltage 3.0V at 65°C for 2,000 hours, the following specifications shall be satisfied when they are restored to 20°C.
	Capacitance Change $\leq \pm 30\%$ of the initial measured value at 20°C
	Internal Resistance Change $\leq 200\%$ of the internal resistance maximum value given in the ratings tables
	After the capacitors are subjected to the DC 3.2V at 50°C for 2,000 hours, the following specifications shall be satisfied when they are restored to 20°C.
	Capacitance Change $\leq \pm 30\%$ of the initial measured value at 20°C
	Internal Resistance Change $\leq 200\%$ of the internal resistance maximum value given in the ratings tables
	After the capacitors are subjected to the DC 2.6V at 85°C for 2,000 hours, the following specifications shall be satisfied when they are restored to 20°C.
	Capacitance Change $\leq \pm 30\%$ of the initial measured value at 20°C
	Internal Resistance Change $\leq 200\%$ of the internal resistance maximum value given in the ratings tables
Bias Humidity Test	After the capacitors are left at 60°C and 90 to 95%RH for 500 hours, the following specifications shall be satisfied when they are restored to 20°C
	Capacitance Change $\leq \pm 30\%$ of the initial measured value at 20°C
	Internal Resistance Change $\leq 200\%$ of the internal resistance maximum value given in the ratings tables

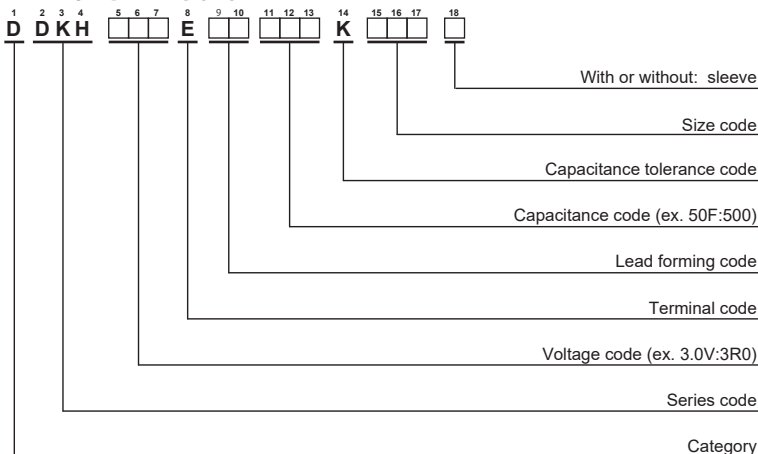
◆STANDARD RATINGS

●DKH series

Rated Voltage [V]	Capacitance Typ. (rated) [F]	Nominal Case Size		Internal Resistance		Weight*1 [g]	Energy Storage*2 [Wh]	Part No.	Note*3
		φD [mm]	L [mm]	Typ. [mΩ]	Max. [mΩ]				
3.0	50	18	40	29.0	34.8	15	0.06	DDKH3R0ELL500KM40T	no sleeve, no coating

- \*1 : Reference data
- \*2 : Energy Storage (Wh) is calculated based on 「電気及び電子機器用電気二重層キャパシタの輸送に関する手引書」 (Japanese only) by JEITA (It shows up to the second decimal place).
- \*3 : No sleeve no coating is the basic specification. Consult separately about products with a sleeve.

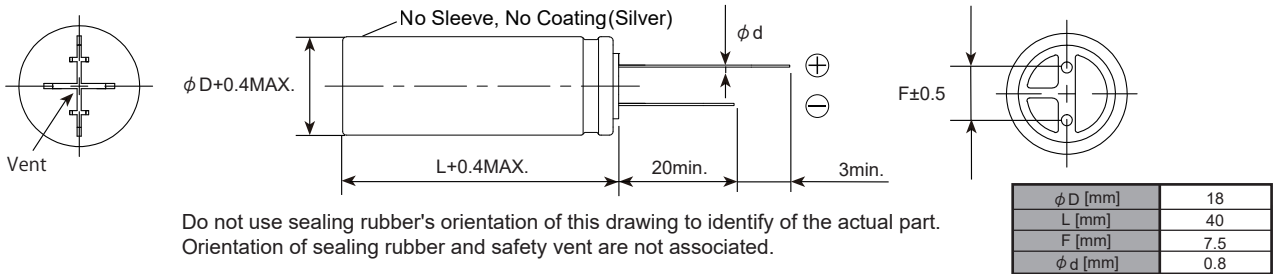
◆PART NUMBERING SYSTEM



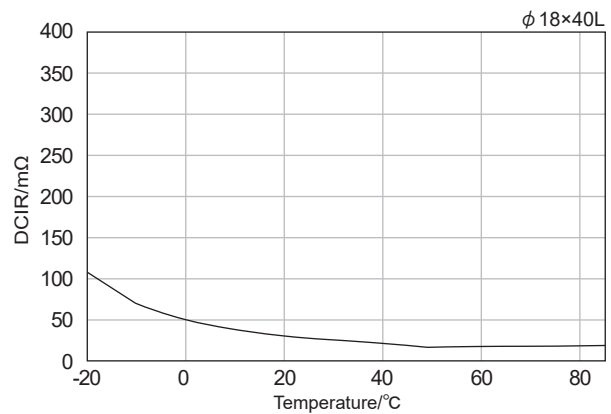
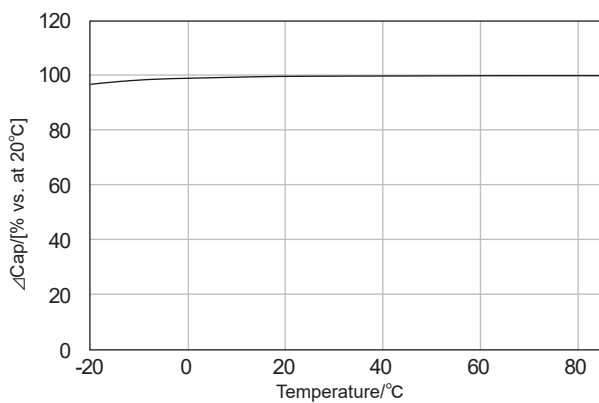
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DLCAP™ **DKH** series

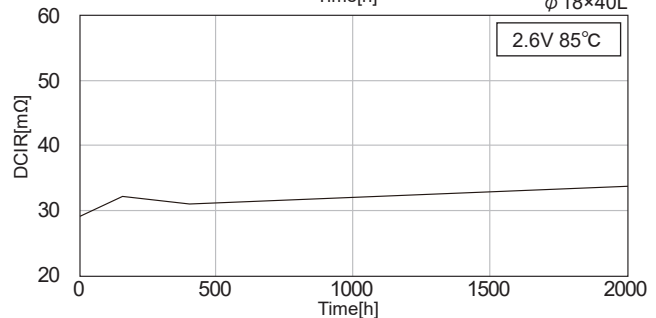
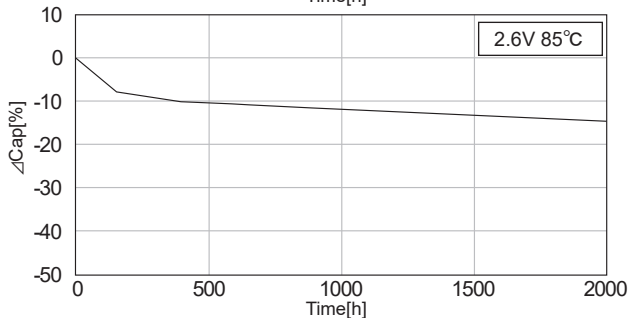
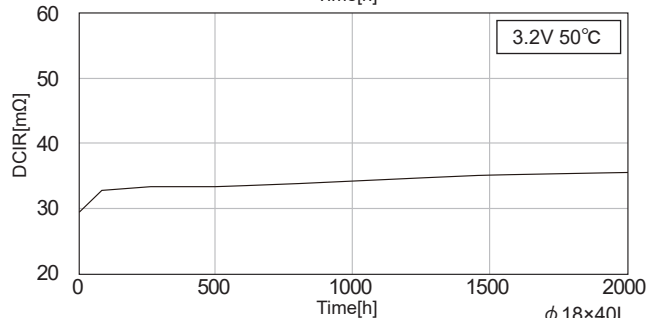
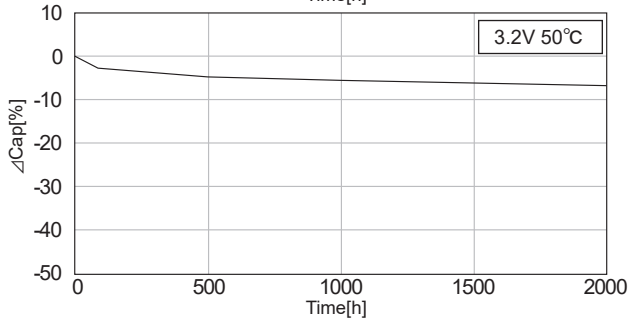
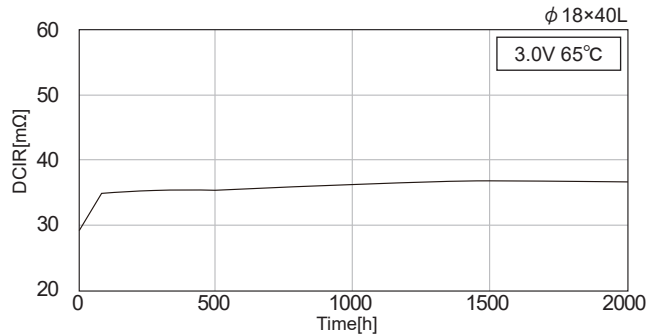
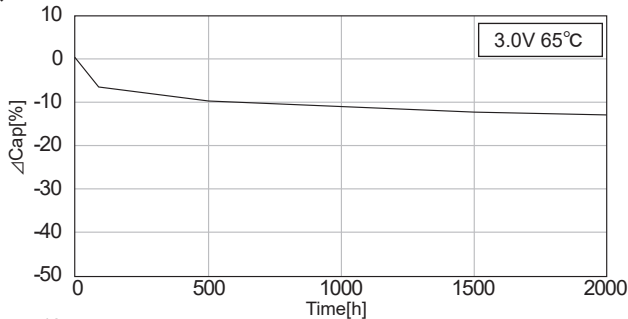
◆ DIMENSIONS [mm]



◆ Temperature Dependence of Capacitance & DCIR



◆ Load Life Test



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