

Radial Lead type

DLCAP™ **DKJ** seriesHigh  
VoltageLong  
Life

-40°C

+65°C

RoHS  
Compliant

- Improved rated Voltage 2.5V ⇒ 2.7V
- High Endurance Rating with 1,500h at 2.7V 65°C /2,000 at 2.5V 70°C
- Space saving with smaller volume when moduled
- Suitable for electricity backups



## ◆ SPECIFICATIONS

Items	Specifications		
Operating Temperature	- 40°C ~ + 65°C		
Capacitance Tolerance	±10% (K)		(25°C)
Temperature Characteristics	Capacitance Change	≤ ±30% of the measured value at 20°C	
	Internal Resistance Change	≤ 600% of the internal resistance maximum value given in the ratings tables	(- 40°C )
Load Life Test	After the capacitors are subjected to the rated DC voltage 2.7V at 65°C for 1,500 hours, the following specifications shall be satisfied when they are restored to 20°C .		
	Capacitance Change	≤ ±30% of the initial measured value at 20°C	
	Internal Resistance Change	≤ 200% of the internal resistance maximum value given in the ratings tables	
	After the capacitors are subjected to the DC 2.5V at 70°C for 2,000 hours, the following specifications shall be satisfied when they are restored to 20°C .		
	Capacitance Change	≤ ±30% of the initial measured value at 20°C	
	Internal Resistance Change	≤ 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	≤ ±30% of the initial measured value at 20°C	
	Internal Resistance Change	≤ 200% of the internal resistance maximum value given in the ratings tables	

## ◆ STANDARD RATINGS

## ● DKJ series

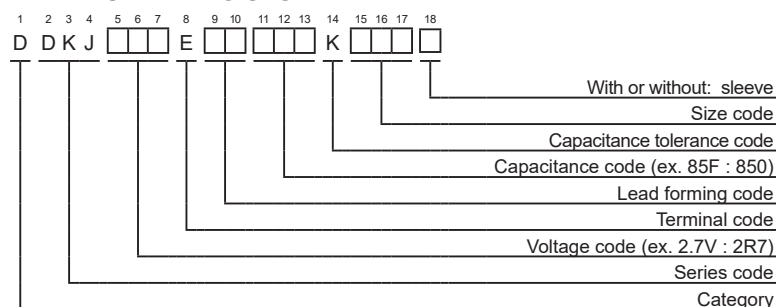
Rated Voltage [ V ]	Capacitance Typ. (rated) [ F ]	Nominal Case Size		Internal Resistance		Weight *1 [ g ]	Energy Storage*2 [ Wh ]	Part No.	Note*3
		φ D [ mm ]	L [ mm ]	Typ. [ m Ω ]	Max. [ m Ω ]				
2.7	85	18	70	7.7	9.2	25	0.09	DDKJ2R7ELL850KM70T	no sleeve, no coating

\* 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).

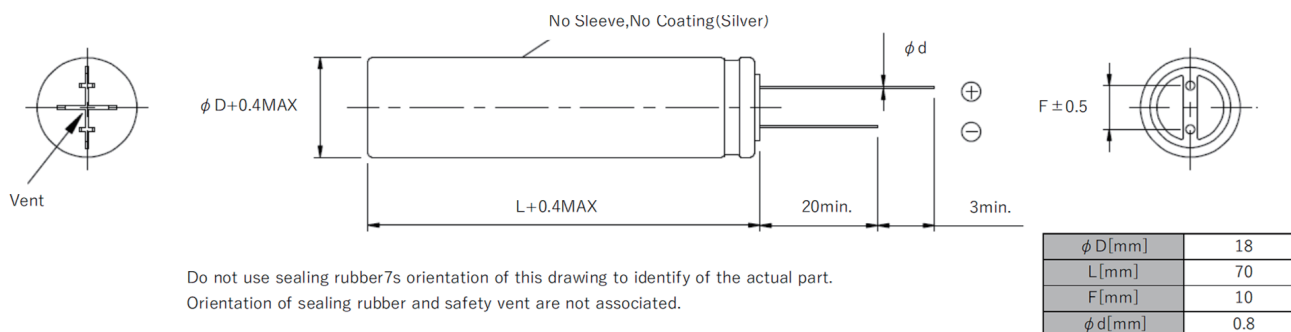
\* 3 : No sleeve no coating is the basic specification. Consult separately about products with a sleeve.

## ◆ PART NUMBERING SYSTEM

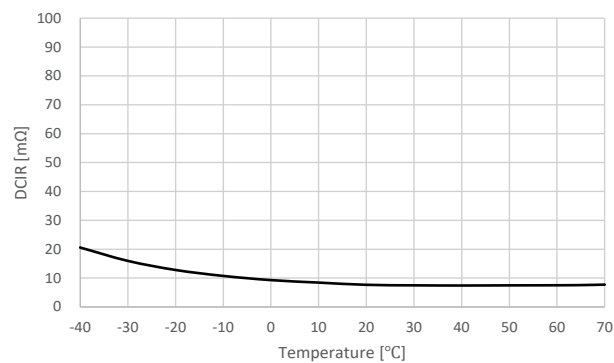
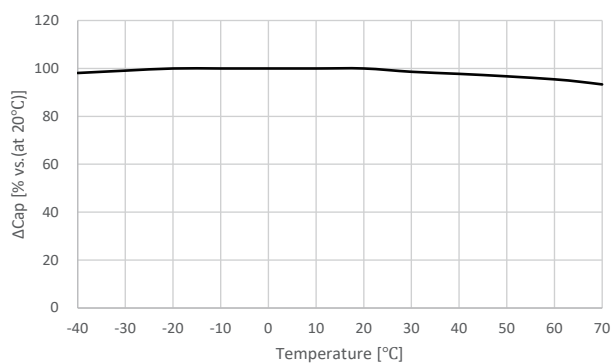


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## ◆ DIMENSIONS [mm]



## ◆ Temperature Characteristics of Capacitance &amp; DCIR



## ◆ Load Life Test

