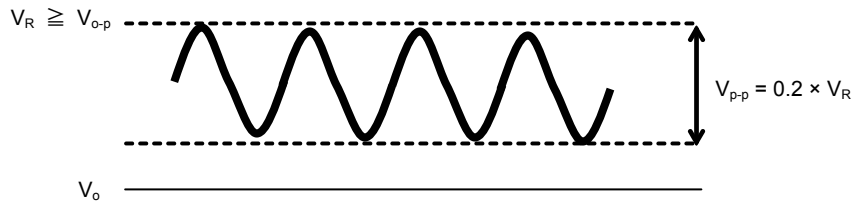


## ■ Permissible Conditions

### ● Permissible Voltage

- These capacitors are designed only for DC voltage, so should not be used for AC line.
- Use the peak voltage ( $V_{o-p}$ ) within the rated voltage.
- Use the peak to peak voltage ( $V_{p-p}$ ) within  $0.2 \times V_R$

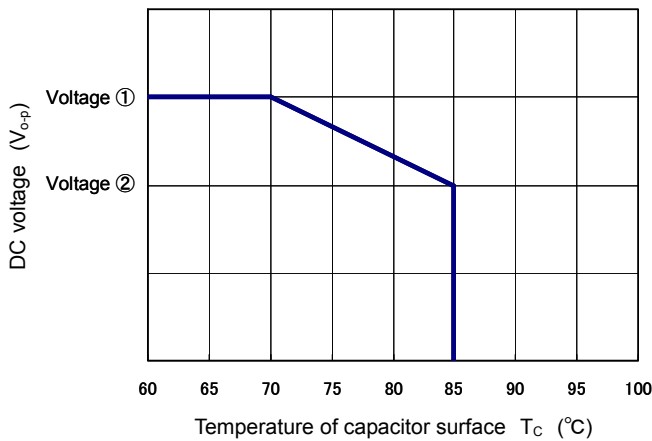


### ● DC Voltage, Peak current and RMS current derating

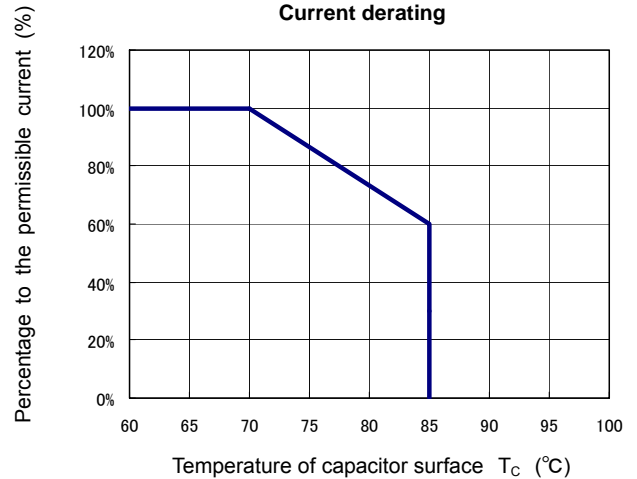
Derating of voltage ( $V_{o-p}$ ), RMS current ( $A_{rms}$ ), and peak current ( $A_{o-p}$ ) according to the following diagram, when the temperature of the capacitor surface exceeds 70°C.

Please refer to the approval sheet for DC voltage, RMS current, and Peak current.

DC Voltage derating



Current derating

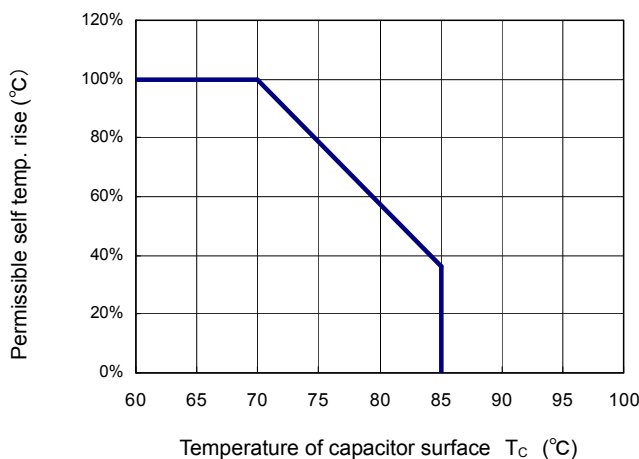


Ex. DC voltage

Voltage ①	Voltage ②
450VDC	400VDC
525VDC	450VDC

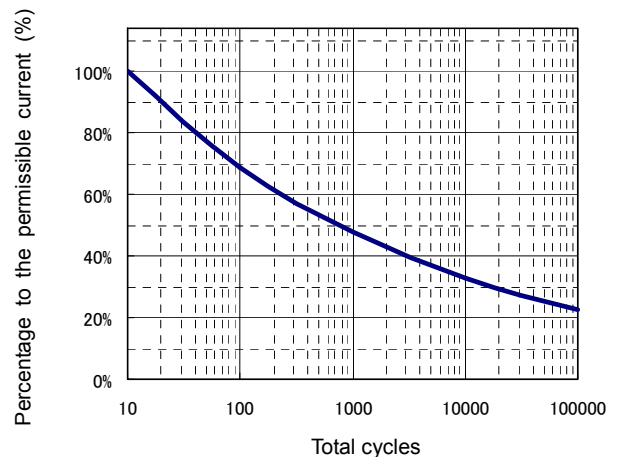
### ● Permissible self heating temperature rise

Permissible self heating temperature rise is Within following diagram when the temperature of the capacitor surface exceeds 70°C.



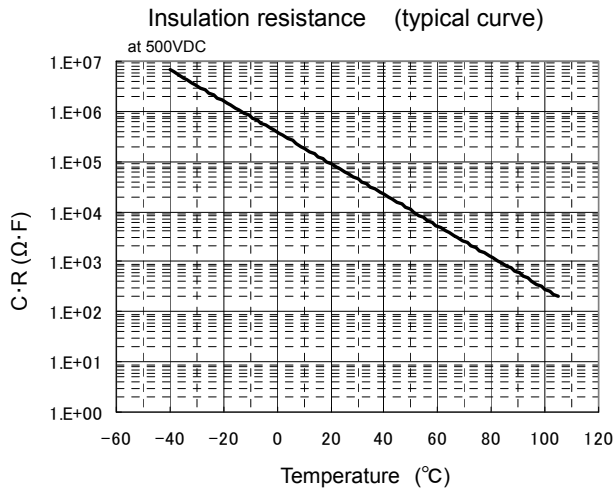
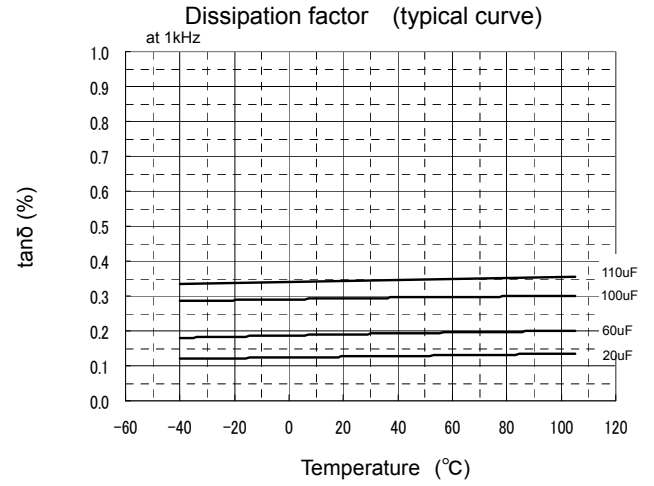
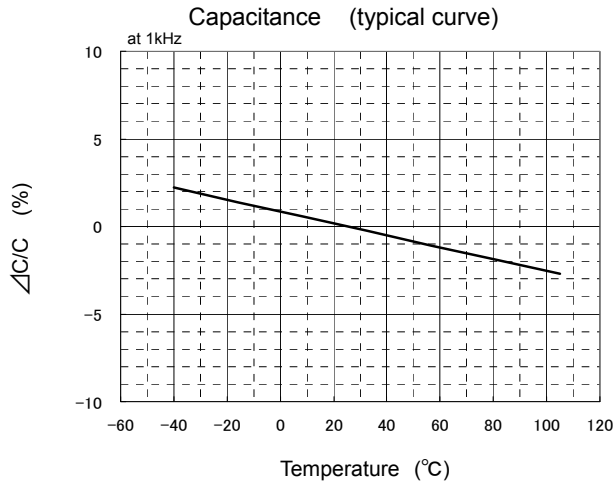
### ● Total cycles applied current

Total cycles applied peak current ( $A_{o-p}$ ) (including pulse current) are within following diagram.



## ■ Characteristics <Reference>

### ● Temperature Characteristics



### ● Frequency Characteristics

