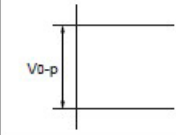
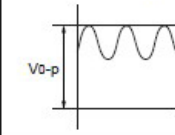
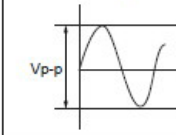
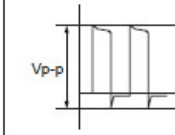
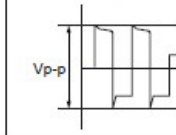


Consideration of the rated voltage for AC voltage and ripple current circuit

For monolithic ceramic capacitors (with a rated voltage of up to 100VDC), when using a DC rated product for AC voltage circuit or ripple current circuit, please make sure the V_{p-p} value and V_{0-p} value including DC-bias for the applied voltage remains within the rated voltage.

When applying or removing voltage, abnormal voltages, such as resonance or surge may occur transiently. The rated voltage should not be surpassed when this abnormal voltage occurs.

Voltage	DC Voltage	DC+AC Voltage	AC Voltage	Pulse Voltage (1)	Pulse Voltage (2)
Positional Measurement					

Also, when using capacitors with high frequency voltage, pulse voltage, etc. dielectric loss may cause self-heating. The load should be contained to the level such that when measuring at atmospheric temperature of 25 °C, the product's self-heating remains below 20 °C and surface temperature of the capacitor in the actual circuit remains within the maximum rated temperature.