Panasonic

ECPU (A) Type   DC16V series   (Stacked Metallized Film)

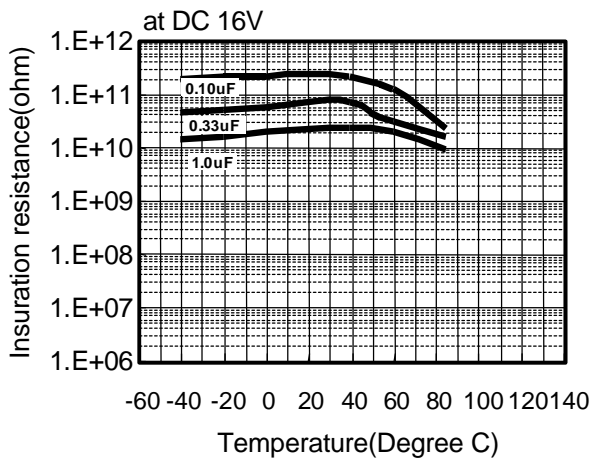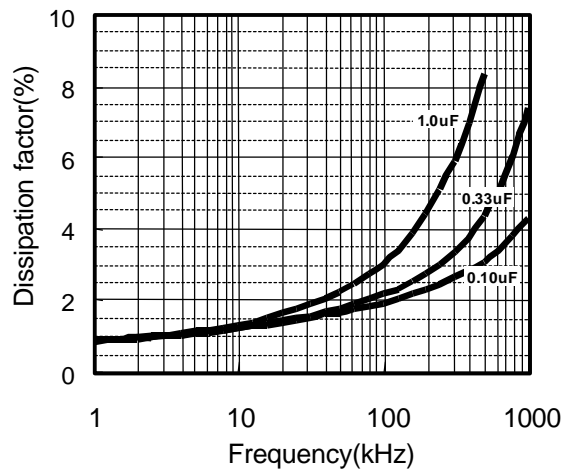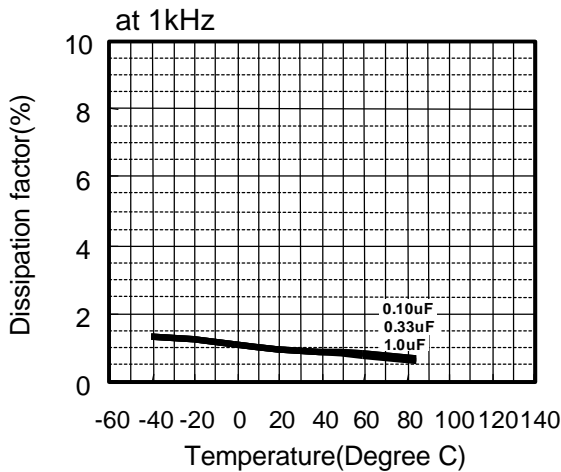## Electrical Characteristics <Typical Data >

Temperature Characteristics

at 1kHz

Capacitance change(%) vs Temperature(Degree C)

at 1kHz

Dissipation factor(%) vs Temperature(Degree C)

at DC 16V

Insuration resistance(ohm) vs Temperature(Degree C)
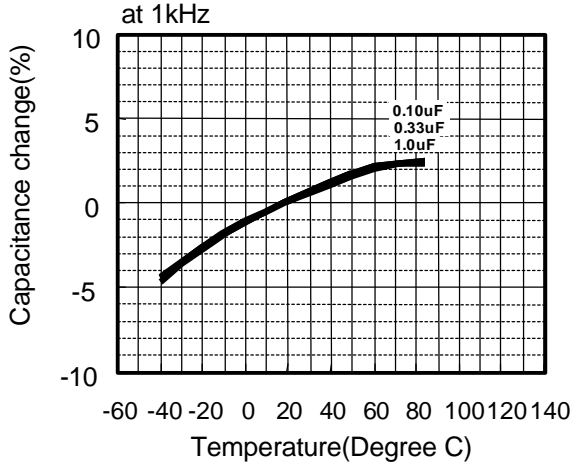
Frequency Characteristics

Capacitance change(%) vs Frequency(kHz)

Dissipation factor(%) vs Frequency(kHz)

Impedance(ohm) vs Frequency(kHz)
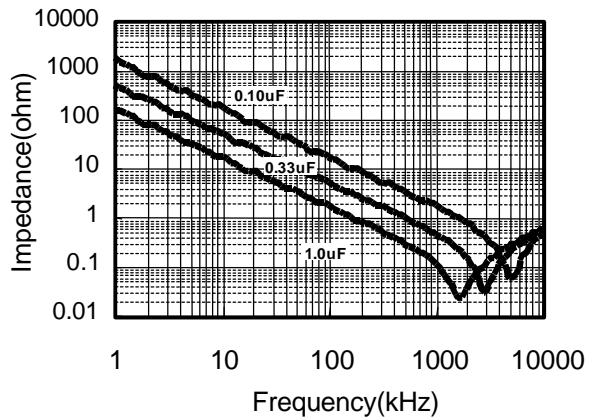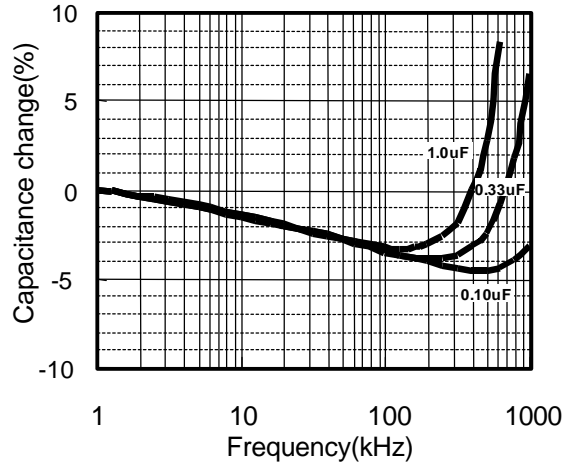
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Applicable Specifications

Permissible Current

Permissible Voltage

(at sine wave)
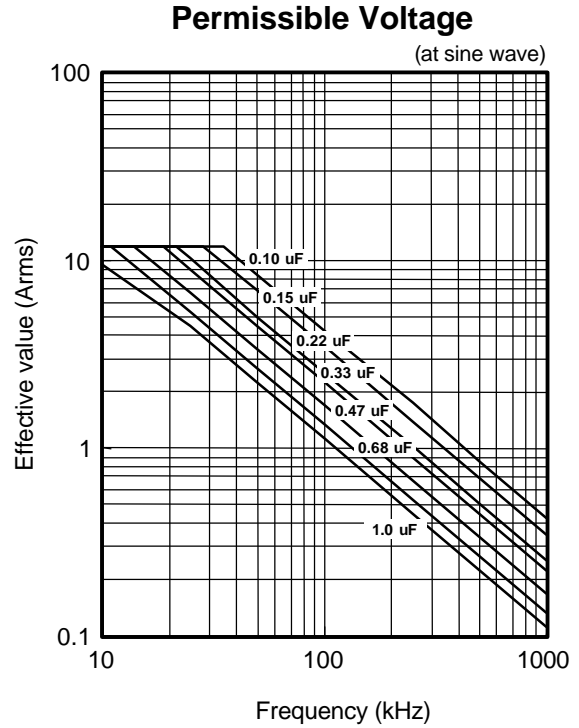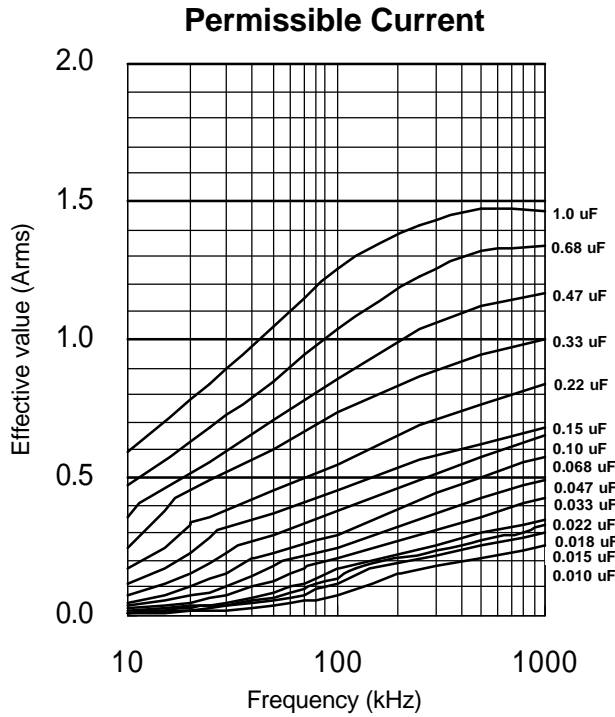
Pulse Handling Capability (dv/dt)
(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dv/dt(V/us)	Current($_{0-P}$) (A)
DC 16V	0.10	104	19	1.9
	0.15	154	15	2.3
	0.22	224	13	2.9
	0.33	334	10	3.3
	0.47	474	7	3.3
	0.68	684	5	3.4
	1.0	105	3	3.0

Voltage Derating by Temperature
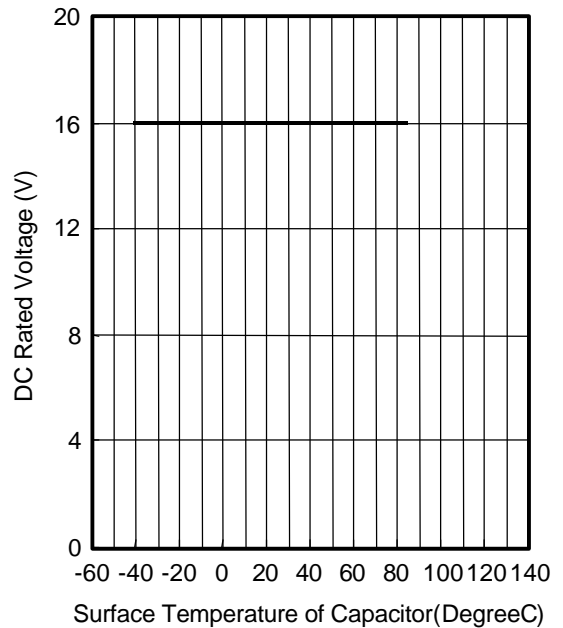
* Please consult Panasonic if your condition exceeds the above spec.

*Permissible voltage graph is the case of sine waveform. When you use this product, peak voltage must not exceed DC rated voltage.

*The current($_{0-P}$) value is calculated using nominal capacitance.