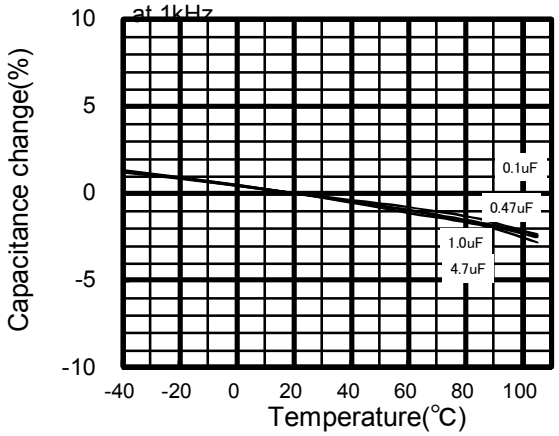
Panasonic

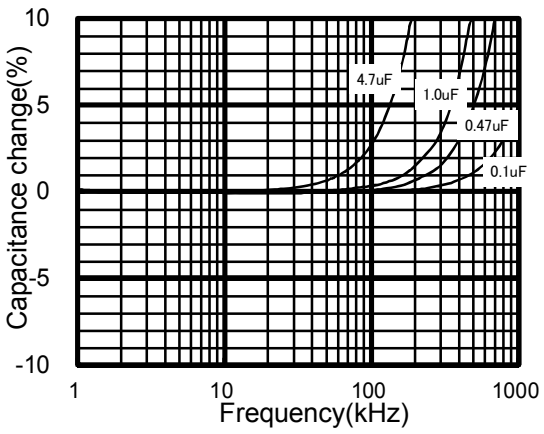
ECWFD Type DC450V series (Metallized Polypropylene Film)

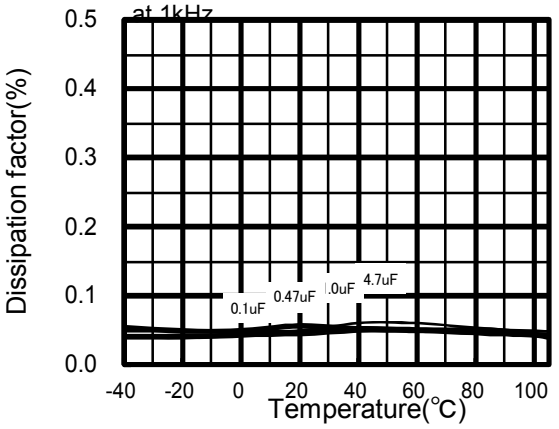
Electrical Characteristics <Typical Data >

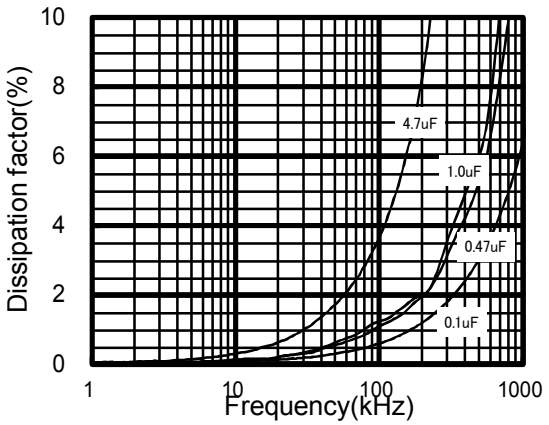
Temperature Characteristics

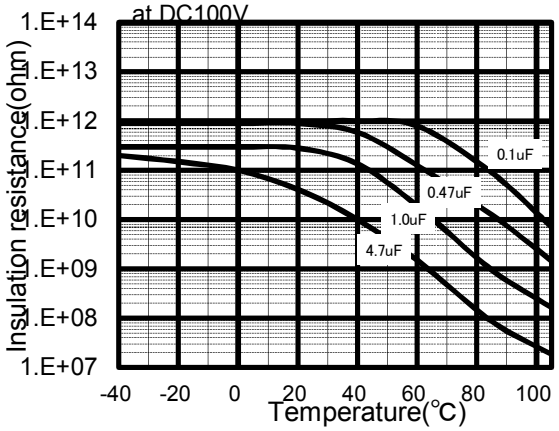


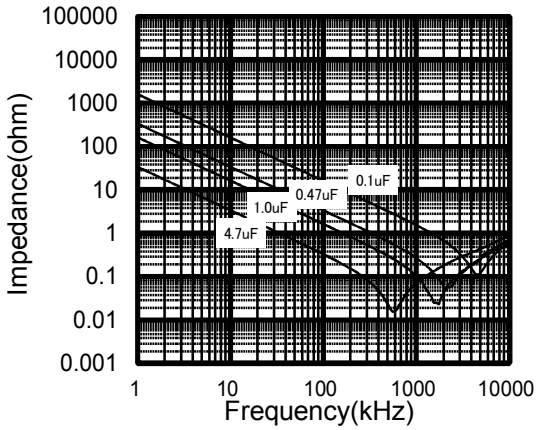
Frequency Characteristics









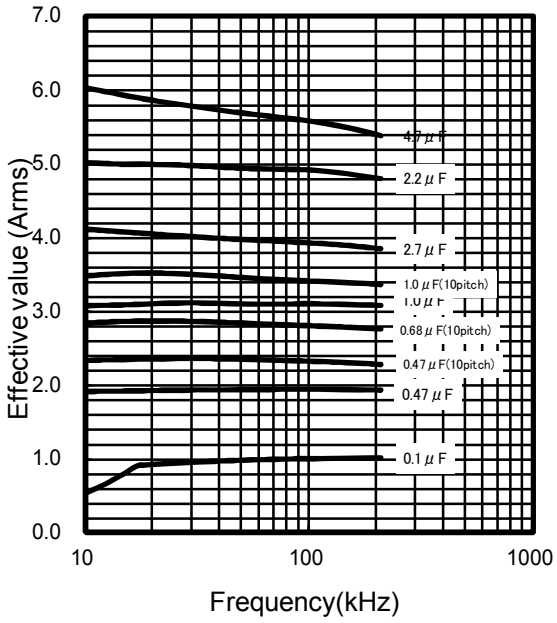


Panasonic

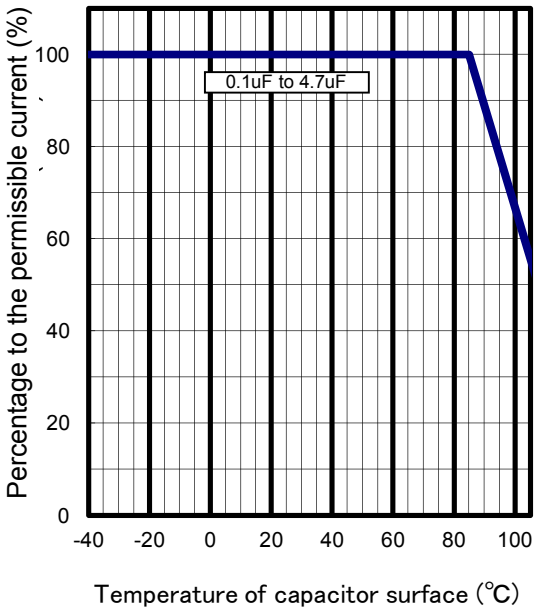
ECWFD Type DC450V series (Metallized Polypropylene Film)

Applicable Specifications

Permissible Current



Permissible Current Derating by Temperatu

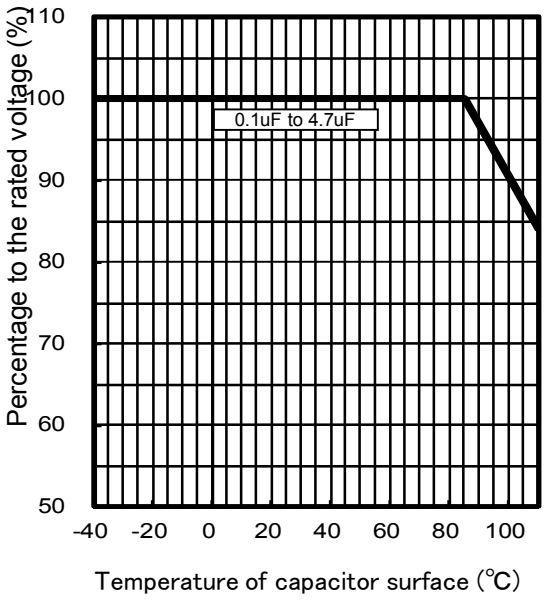


Pulse Handling Capability (dv/dt)

(Max 10000cycles)

Rated Voltage	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (Ao-p)
DC 450V	10.0	0.10	104	41.6	4.2
		0.15	154		6.2
		0.22	224		9.2
		0.47	474		19.6
		0.68	684		28.3
		1.00	105		41.6
	15.0	0.47	474	24.3	11.4
		1.0	105		24.3
		1.5	155		36.4
		2.2	225		53.4
	22.5	2.7	275	14.3	38.7
		4.7	475		67.3

Voltage Derating by Temperature



*Please consult Panasonic if your condition exceeds the above

*P When you use this product, peak voltage must not exceed DC rated voltage.

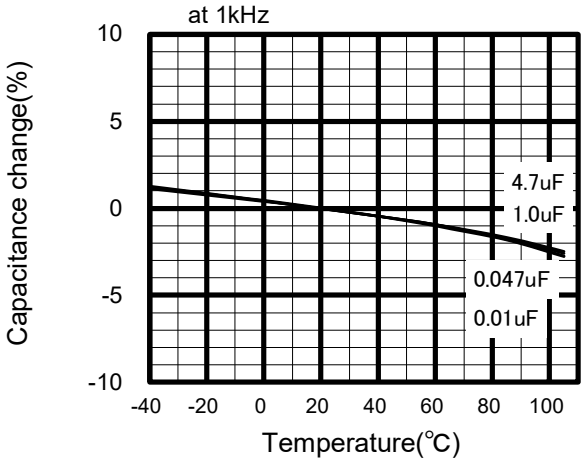
*The current(0-P) value is calculated using nominal capacitance.

Panasonic

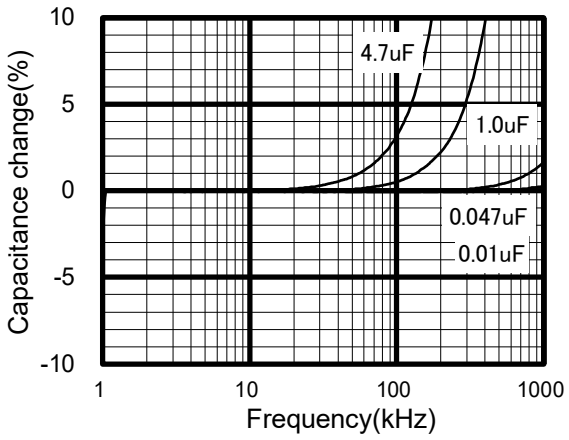
ECWFD Type DC630V series (Metallized Polypropylene Film)

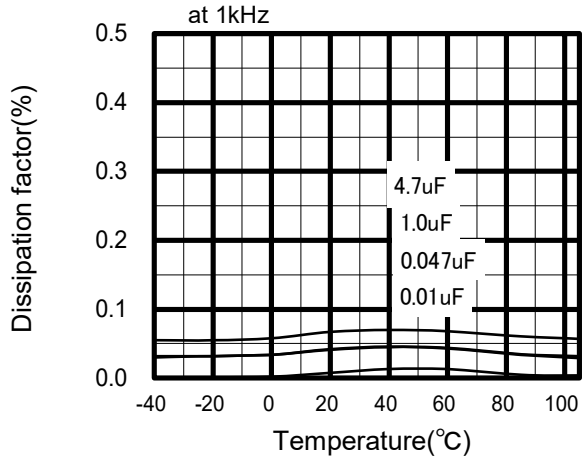
Electrical Characteristics <Typical Data >

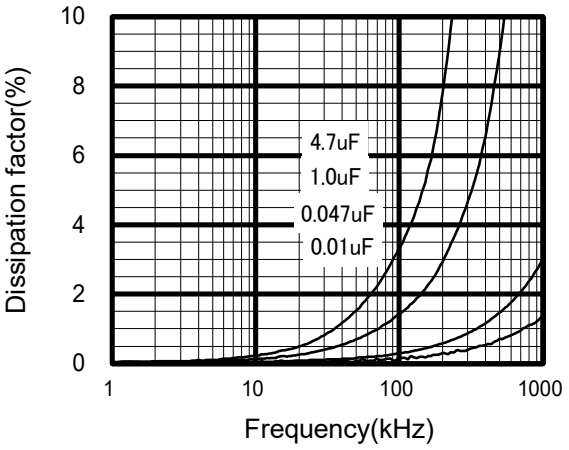
Temperature Characteristics

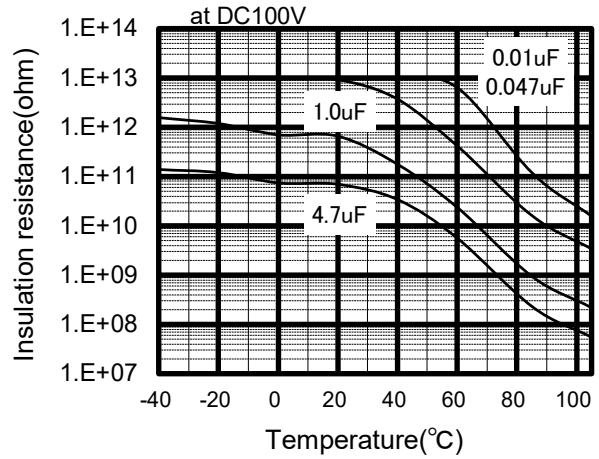


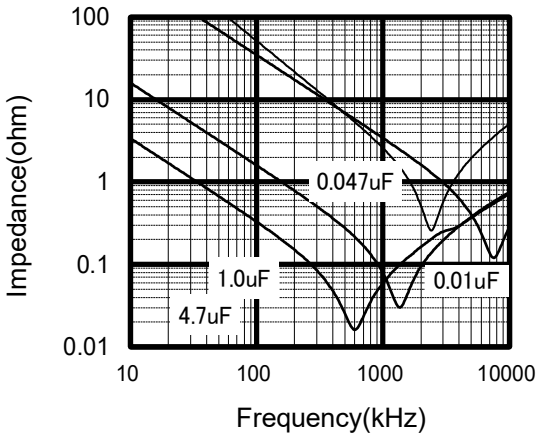
Frequency Characteristics









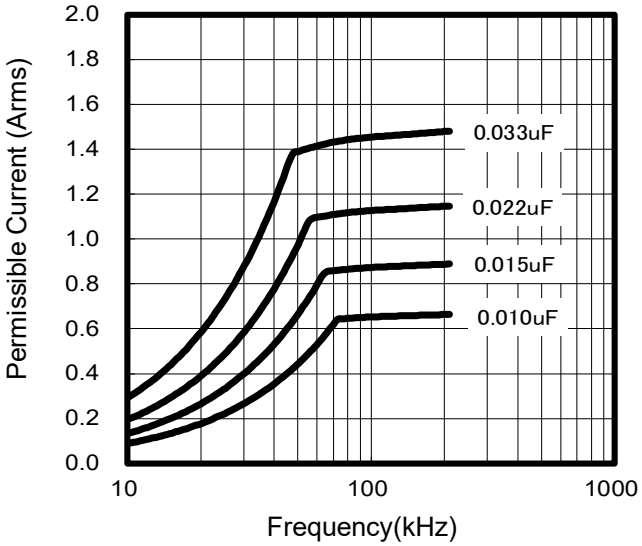


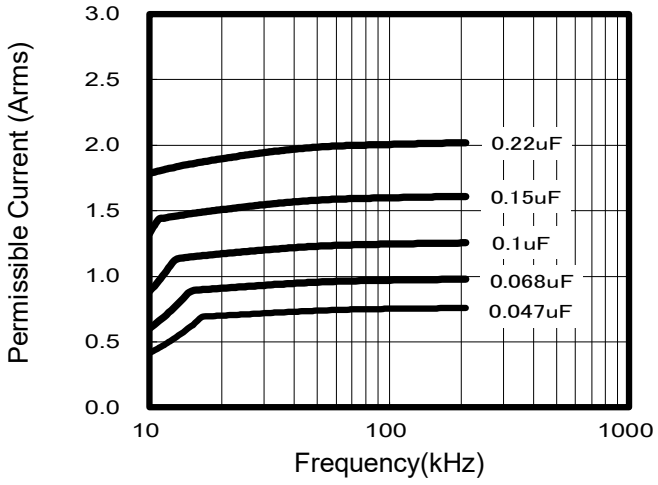
Panasonic

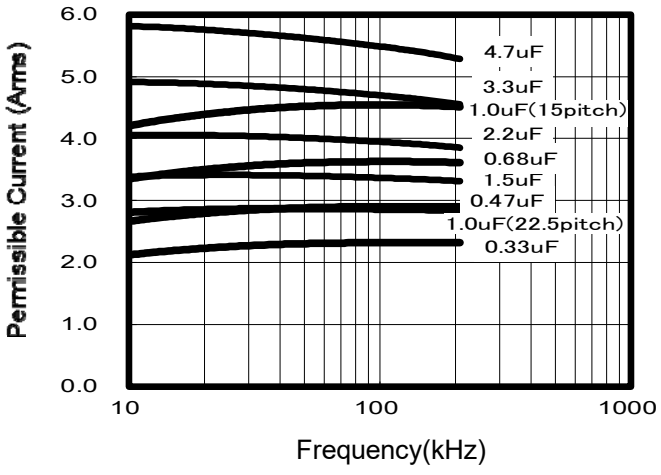
ECWFD Type DC630V series (Metallized Polypropylene Film)

Applicable Specifications

Permissible Current

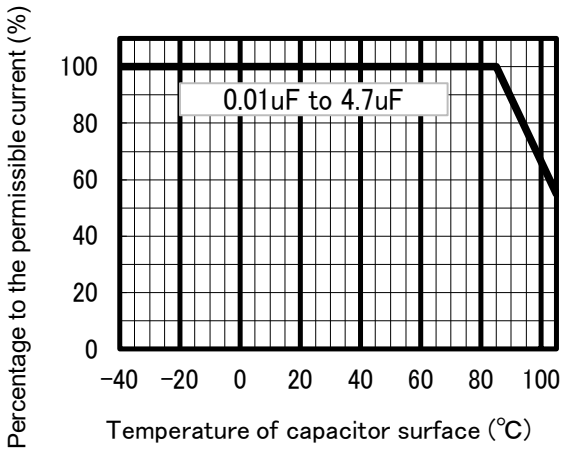




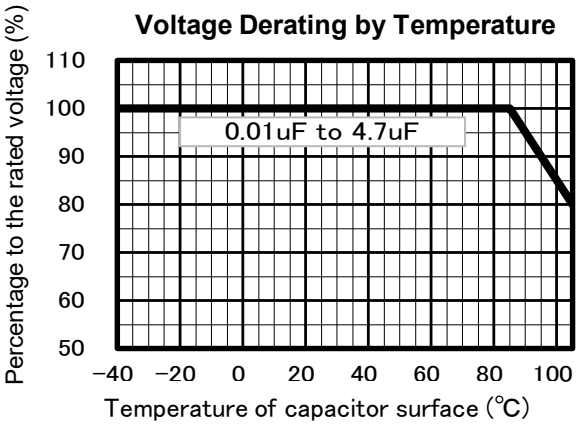


Frequency(kHz)

Permissible Current Derating by Temperature



Voltage Derating by Temperature



Permissible Pulse Current (dV/dt)

(Max 10000cycles)

Rated Voltage	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (Ao-p)
DC 630V	10	0.01	103	139	1.4
		0.015	153		2.1
		0.022	223		3.1
		0.033	333		4.6
		0.047	473	80	3.8
		0.068	683		5.4
		0.100	104		8.0
		0.150	154		12.0
		0.220	224		17.6
	15	0.33	334	43	14.2
		0.47	474		20.2
		0.68	684		29.2
		1.00	105		43.0
	22.5	1.0	105	24	24.0
		1.5	155		36.0
		2.2	225		52.8
		3.3	335		79.2
		4.7	475		112.8

*Please consult Panasonic if your condition exceeds the above
*When you use this product, peak voltage must not exceed DC rated voltage.
*The current(0-P) value is calculated using nominal capacitance.