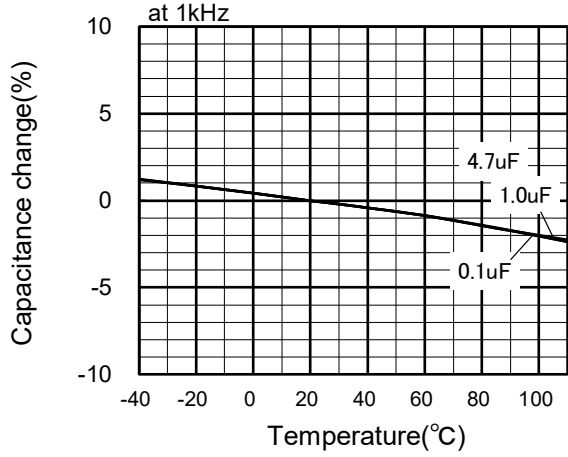


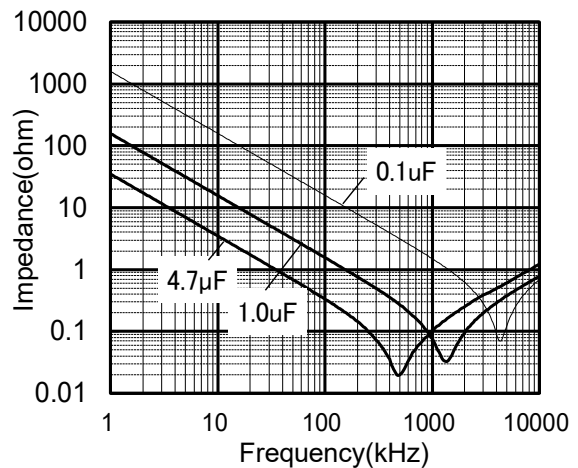
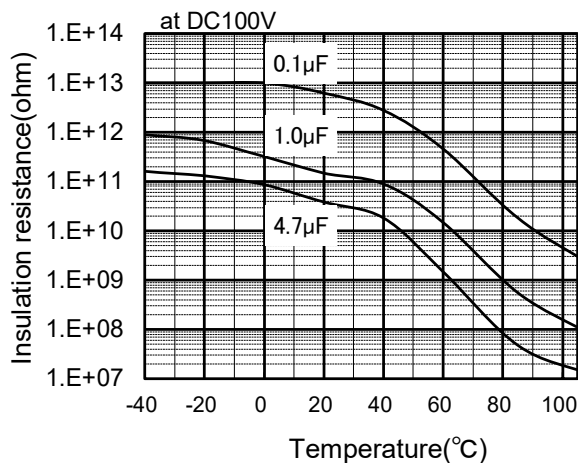
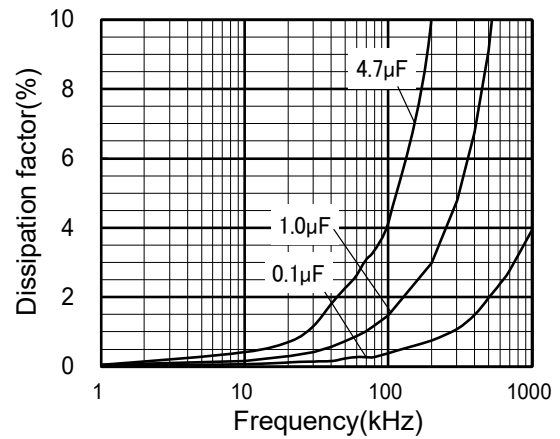
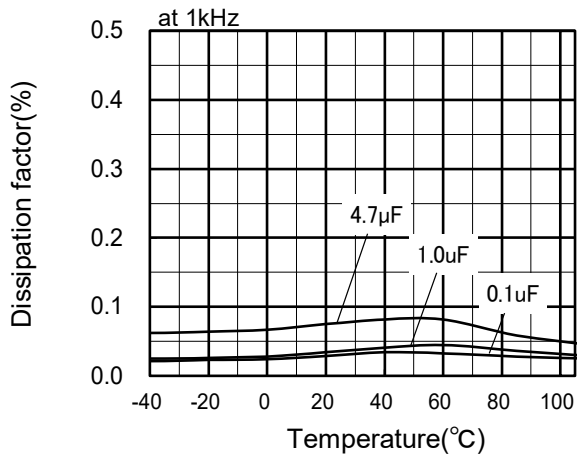
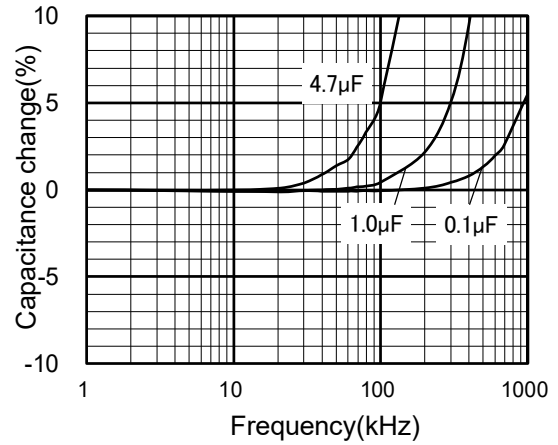
ECWFE Type DC450V series (Metallized Polypropylene Film)

Electrical Characteristics <Typical Data >

Temperature Characteristics



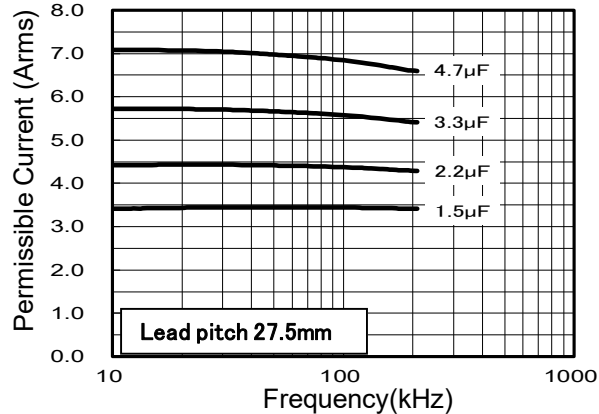
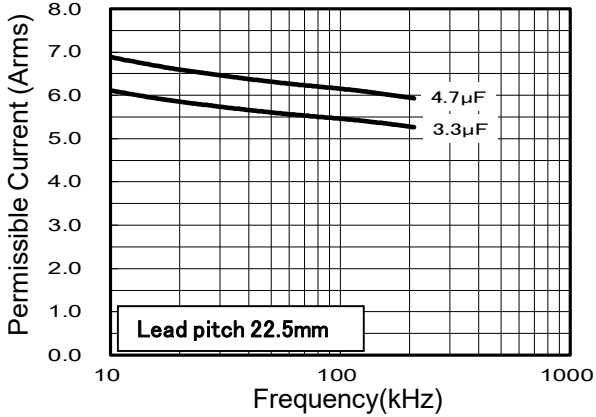
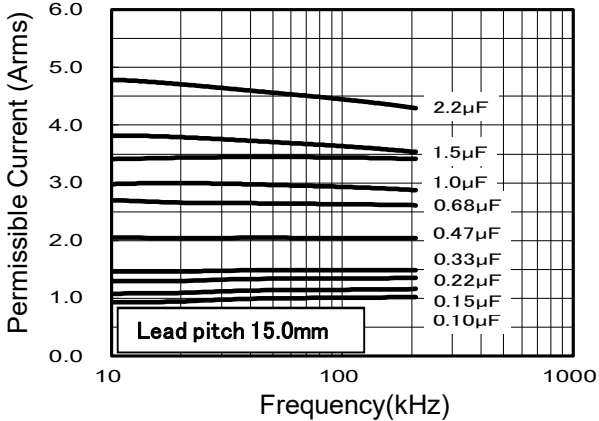
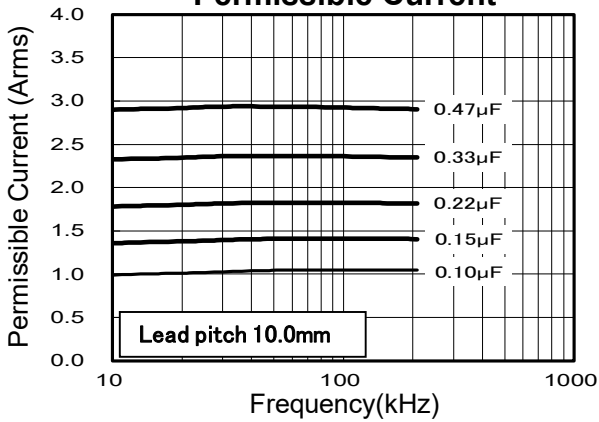
Frequency Characteristics



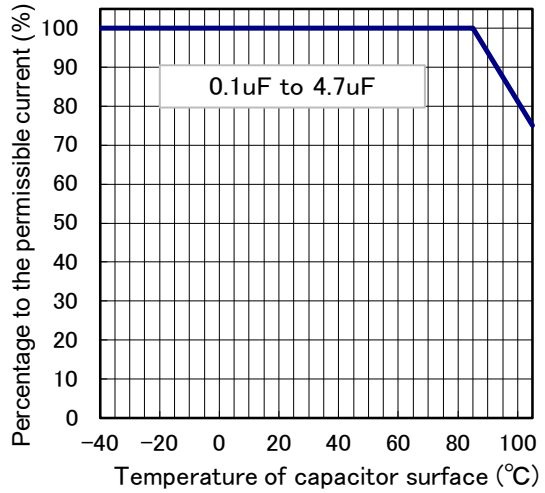
ECWFE Type DC450V series (Metallized Polypropylene Film)

Applicable Specifications

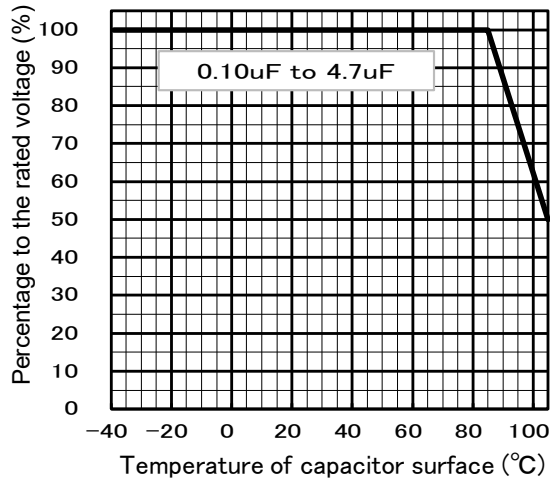
Permissible Current



Permissible Current Derating by Temperature



Voltage Derating by Temperature



Permissible Pulse Current (dV/dt) (Max 10000cycles)

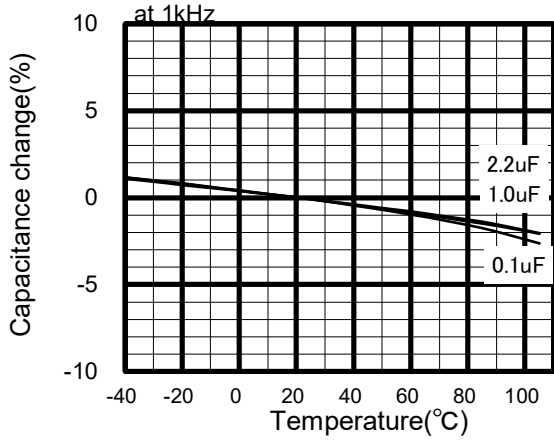
Rated Voltage	Pitch (mm)	Capacitance (µF)	Code	dV/dt (V/µs)	Current (A _{o-p})		
DC 450V	10	0.100	104	41.6	4.2		
		0.150	154		6.2		
		0.220	224		9.2		
		0.330	334		13.7		
		0.470	474		19.6		
		0.100	104		4.2		
	15	0.150	154	41.6	6.2		
		0.220	224	9.2			
		0.330	334	8.0			
		0.470	474	11.4			
		0.680	684	24.3			
		1.000	105	24.3			
	15	1.500	155	24.3	36.4		
		2.200	225		53.4		
		3.300	335		47.2		
		4.700	475		67.3		
		22.5	1.500		155	14.3	16.5
			2.200		225		24.2
3.300	335		36.3				
4.700	475		51.7				

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

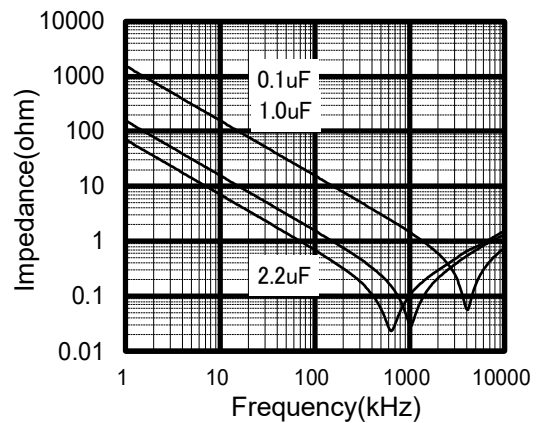
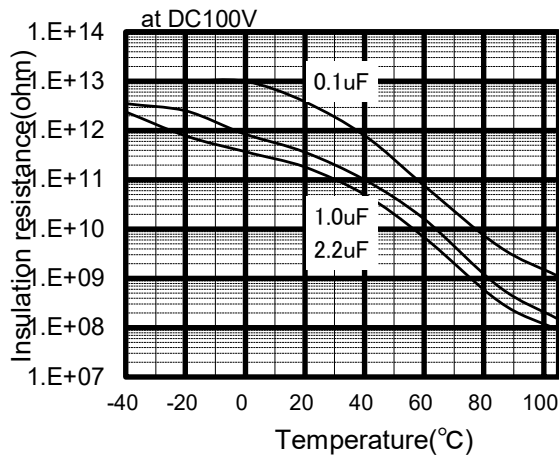
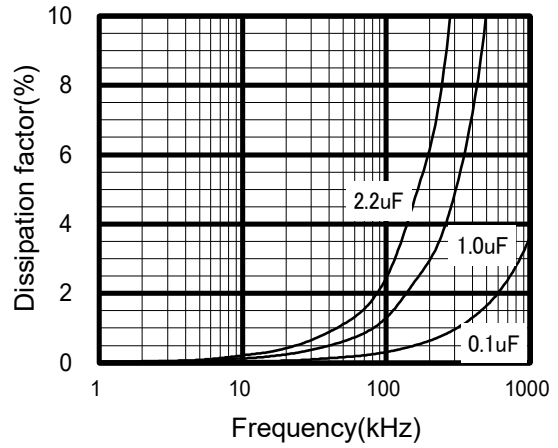
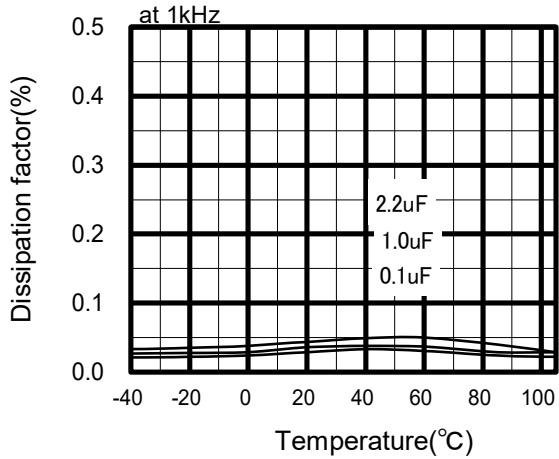
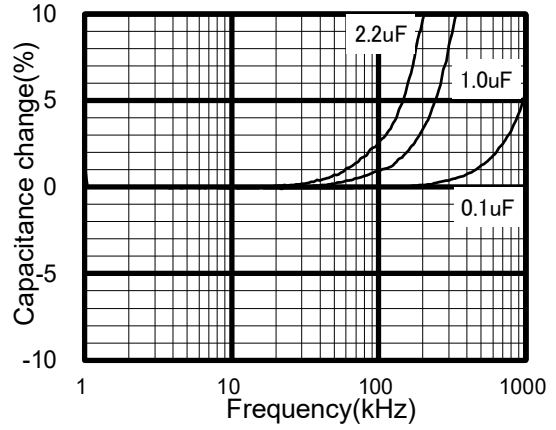
ECWFE Type DC630V series(Metallized Polypropylene Film)

Electrical Characteristics <Typical Data >

Temperature Characteristics

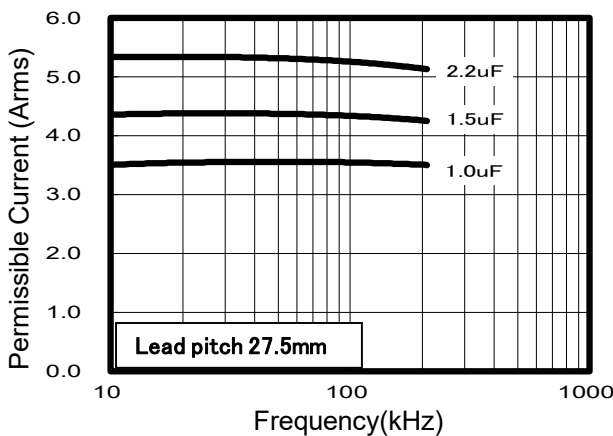
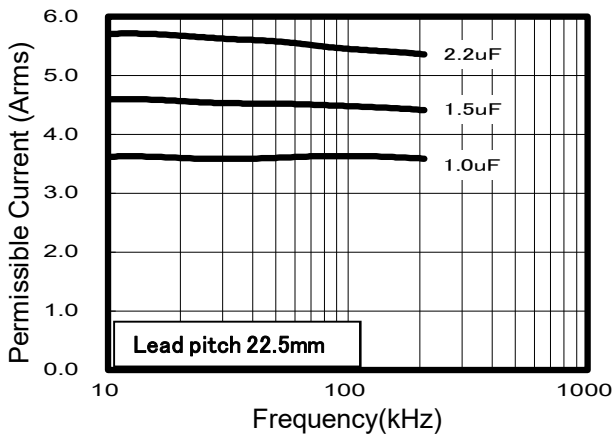
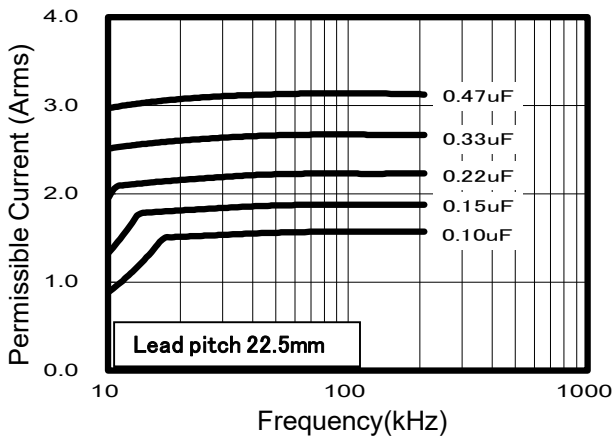
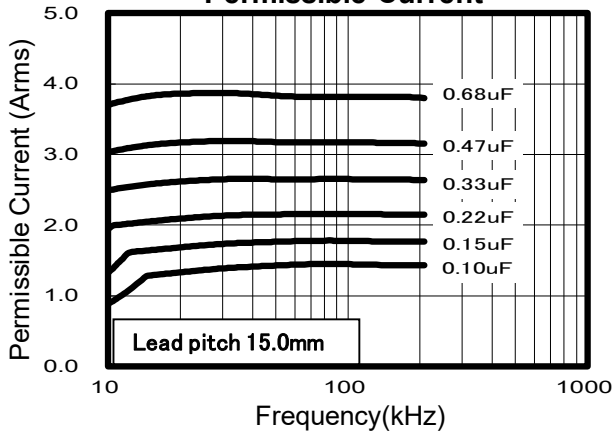


Frequency Characteristics

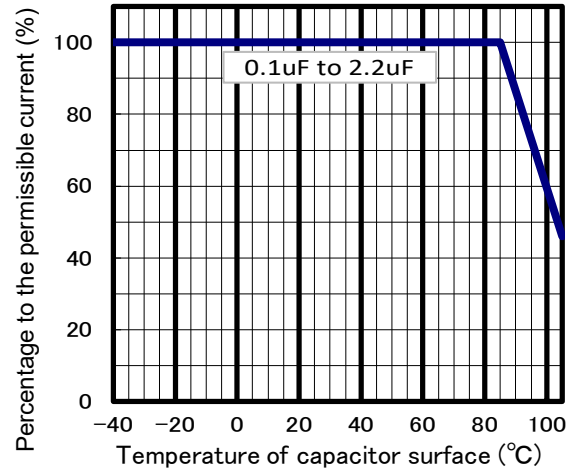


ECWFE Type DC630V series(Metallized Polypropylene Film)

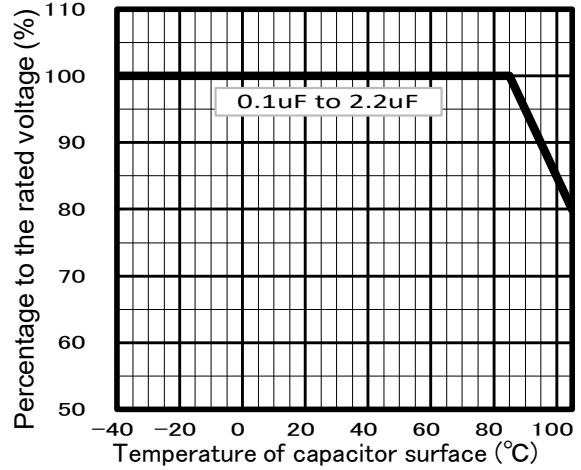
Applicable Specifications Permissible Current



Permissible Current Derating by Temperature



Voltage Derating by Temperature



Pulse Handling Capability (dv/dt) (Max 10000cycles)

Rated Voltage (V)	Pitch (mm)	Capacitance (μF)	Code	dV/dt (V/μs)	Current (A0-P)
DC 630V	15	0.100	104	155	15.5
		0.150	154		23.2
		0.220	224		34.1
		0.330	334		51.1
		0.470	474		72.8
		0.680	684		105.4
	22.5	0.100	104	65	6.5
		0.150	154		9.7
		0.220	224		14.3
		0.330	334		21.4
		0.470	474		30.5
		1.000	105		65.0
		1.500	155		97.5
	27.5	1.000	105	50	50.0
		1.500	155		75.0
2.200		225	110.0		

*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.