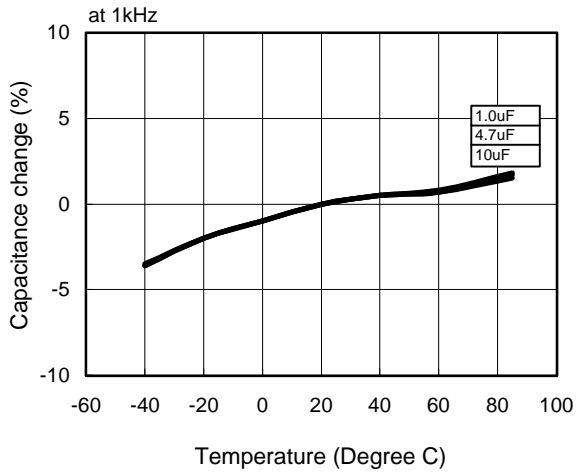
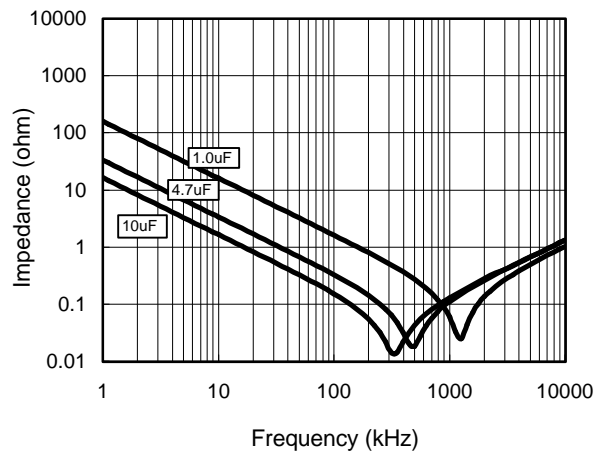
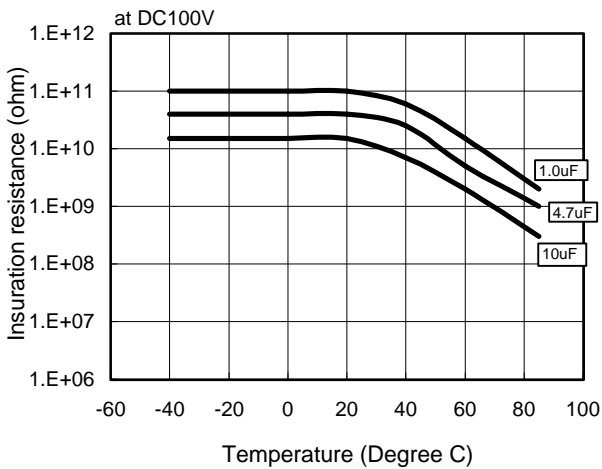
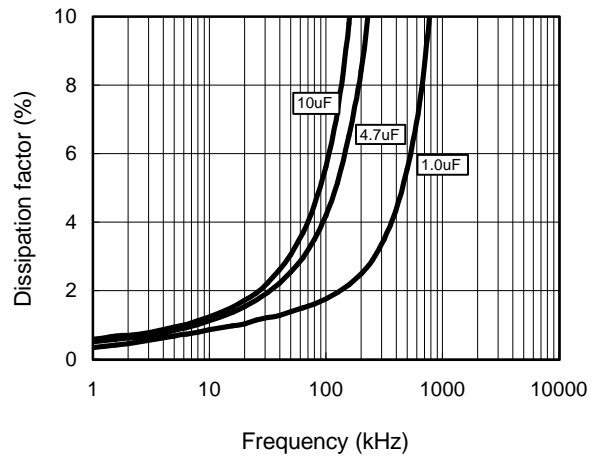
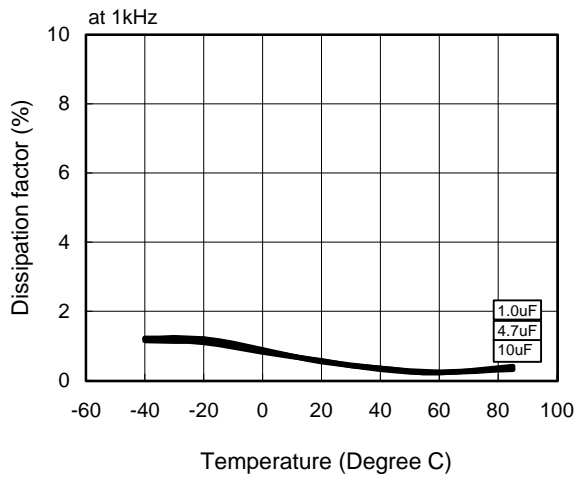
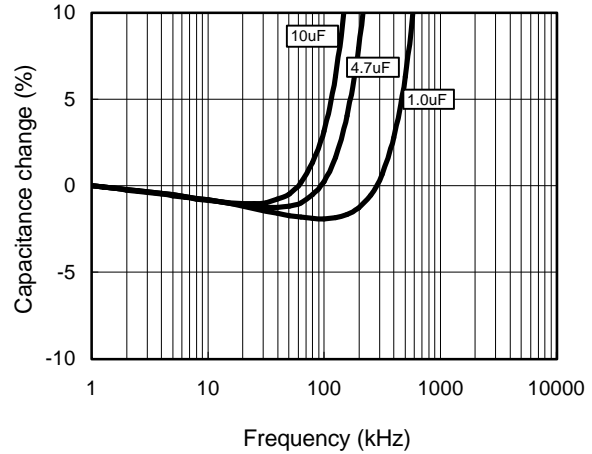


**ECQE(F) Type 100VDC Series (Metallized Polyester Film)**  
**Electrical Characteristics <Typical Data>**

**Temperature Characteristics**



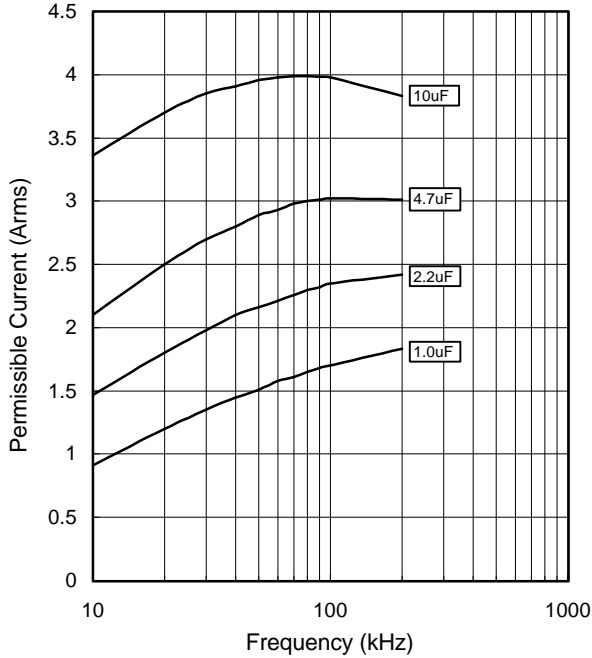
**Frequency Characteristics**



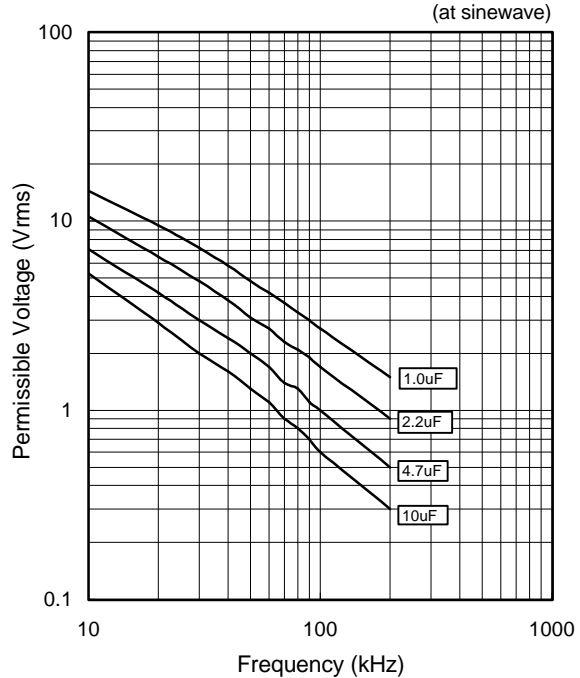
**ECQE(F) Type 100VDC Series (Metallized Polyester Film)**

**Applicable Specifications**

**Permissible Current**



**Permissible Voltage**

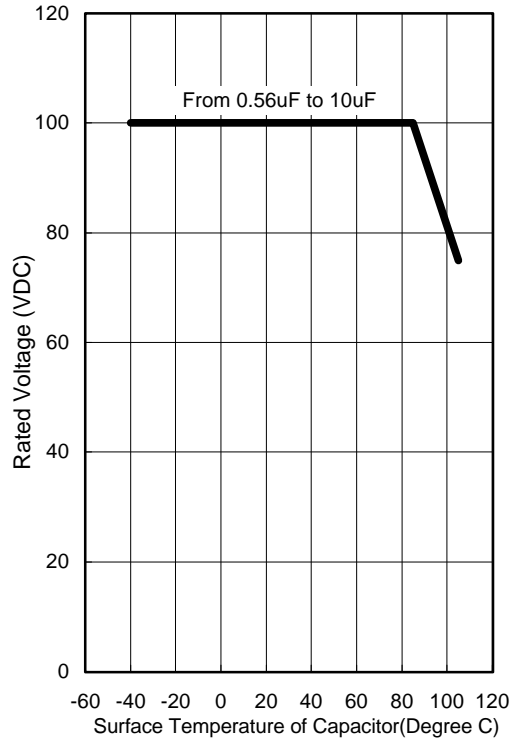


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
100VDC	0.56	564	22	12.32
	0.68	684		15.0
	0.82	824		18.0
	1.00	105		22.0
	1.20	125		11
	1.50	155	17.1	
	1.80	185	19.8	
	2.20	225	24.2	
	2.70	275	29.7	
	3.30	335	6	36.3
	3.90	395		23.4
	4.70	475		28.2
	5.60	565		33.6
	6.80	685		40.8
	8.20	825	49.2	
10.00	106	60.0		

**Voltage Derating by Temperature**



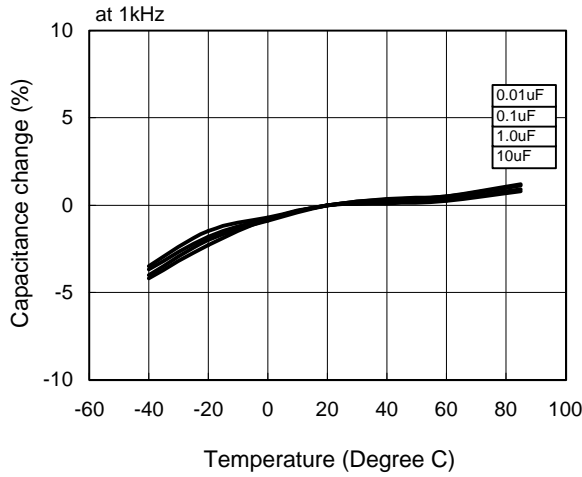
\* Please consult Panasonic if your condition exceeds the above spec.



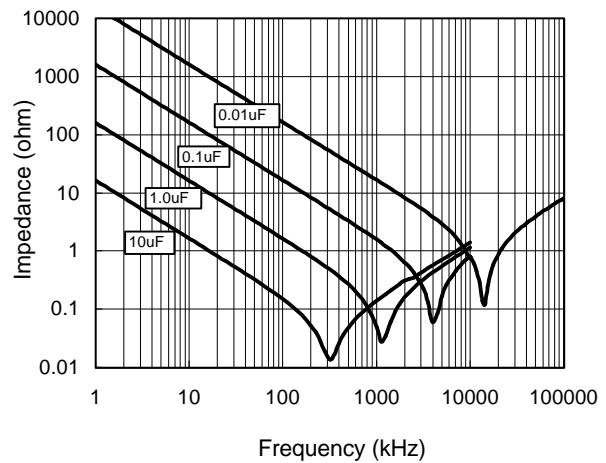
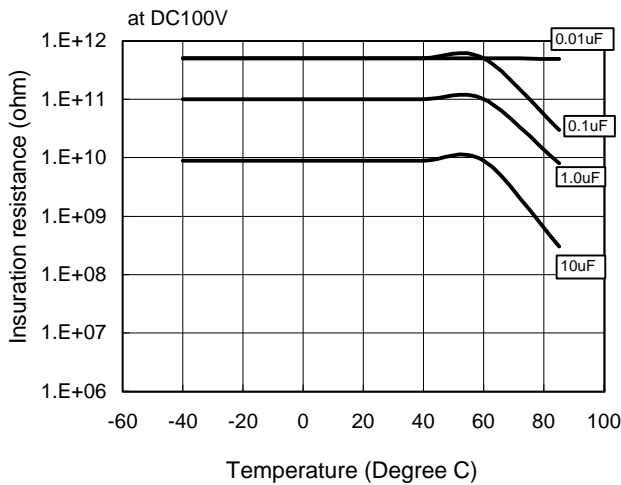
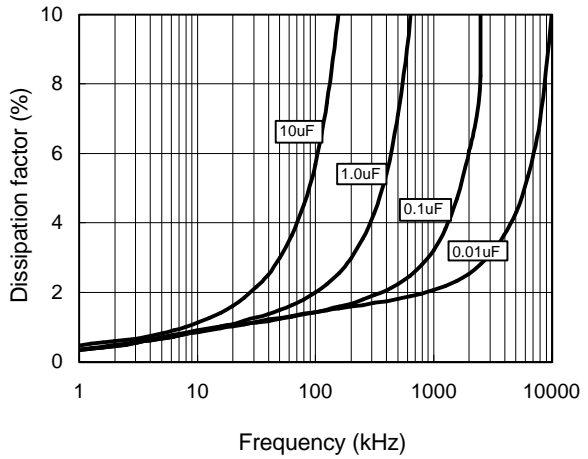
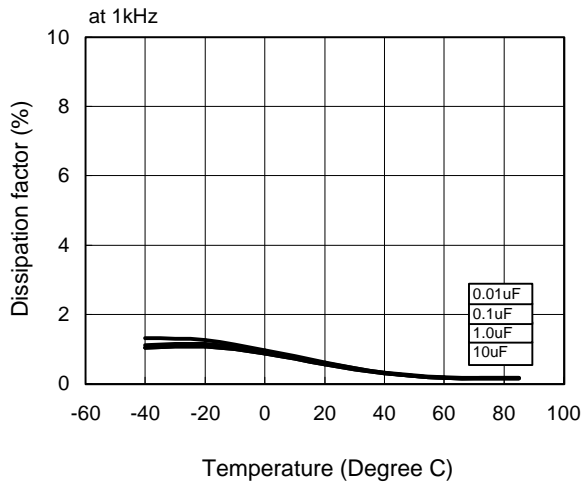
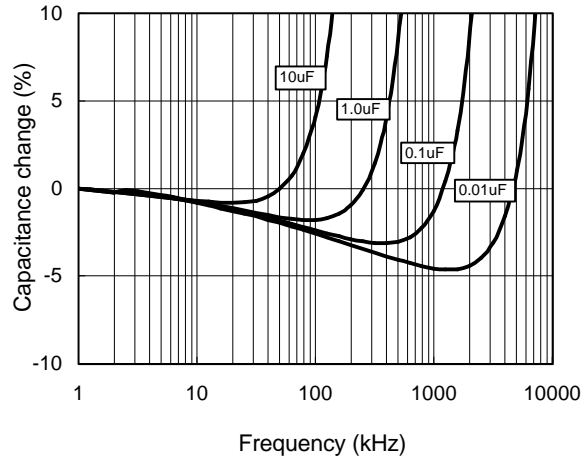
# ECQE(F) Type 250VDC Series (Metallized Polyester Film)

## Erectrical Characteristics <Typical Data>

### Temperature Characteristics



### Frequency Characteristics

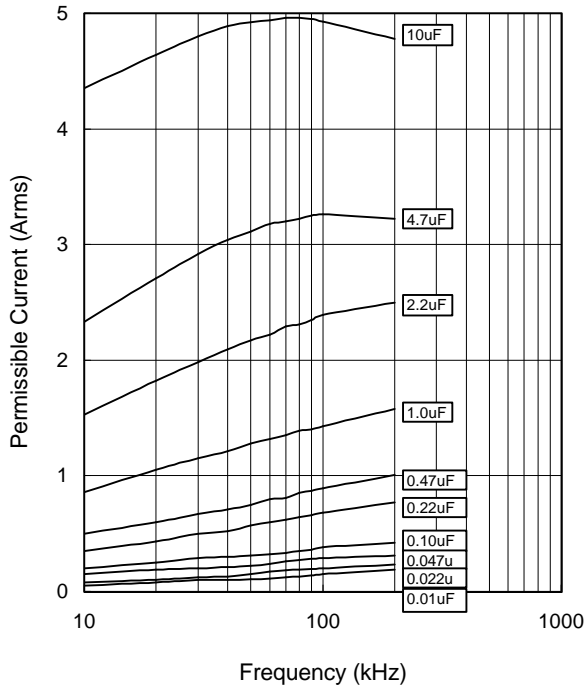




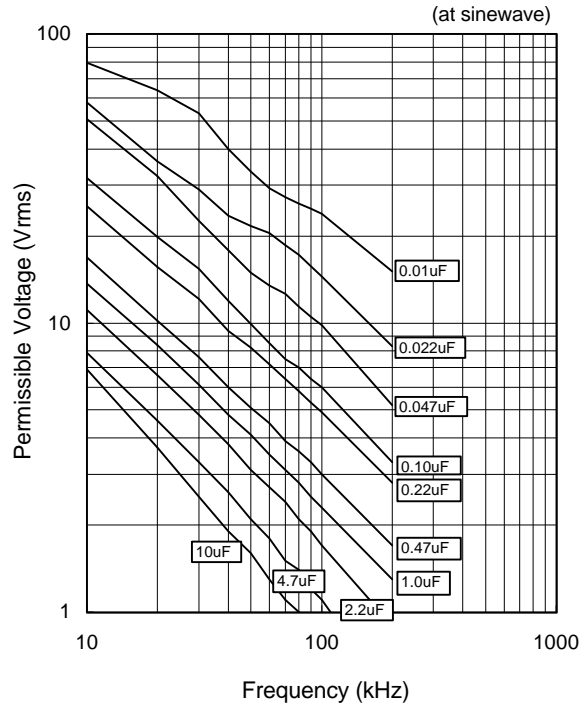
# ECQE(F) Type 250VDC Series (Metallized Polyester Film)

## Applicable Specifications

**Permissible Current**



**Permissible Voltage**

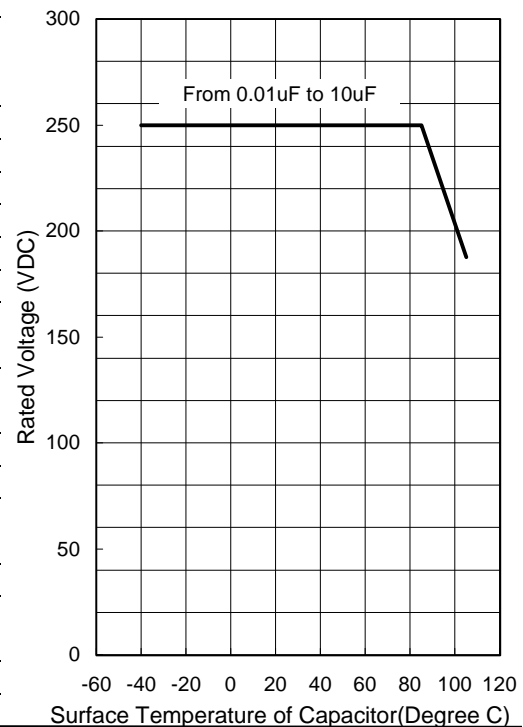


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
250VDC	0.010	103	48	0.48
	0.015	153		0.72
	0.022	223		1.06
	0.033	333		1.58
	0.047	473		2.26
	0.068	683		3.26
	0.100	104	33	4.80
	0.150	154		7.20
	0.220	224		7.26
	0.330	334	18	10.89
	0.470	474		8.46
	0.680	684		12.24
	1.000	105	10	18.00
	1.500	155		27.00
	2.200	225		22.00
	3.300	335	8	33.00
	4.700	475		47.00
	6.800	685		54.40
10.000	106		80.00	

**Voltage Derating by Temperature**

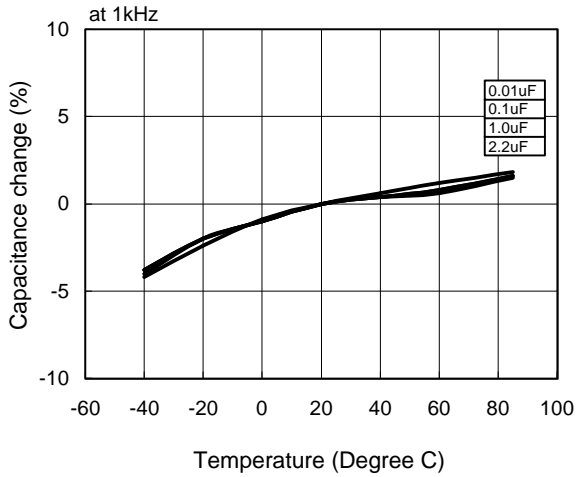


\* Please consult Panasonic if your condition exceeds the above spec.

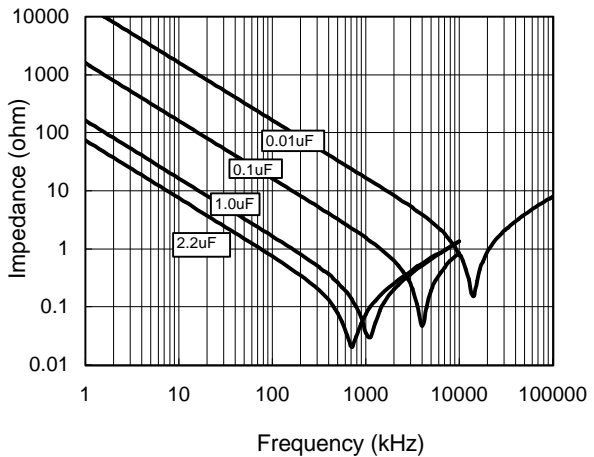
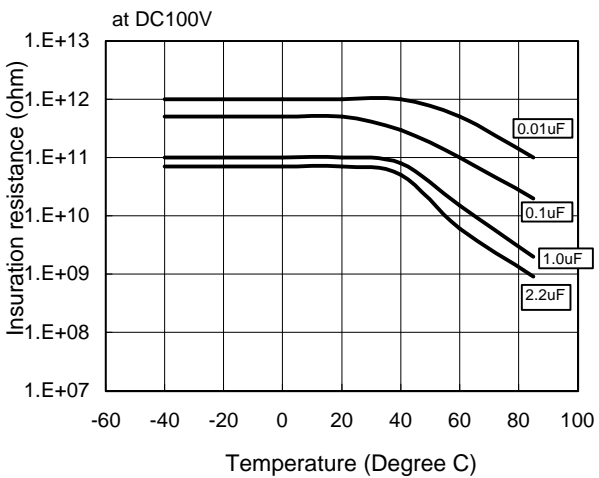
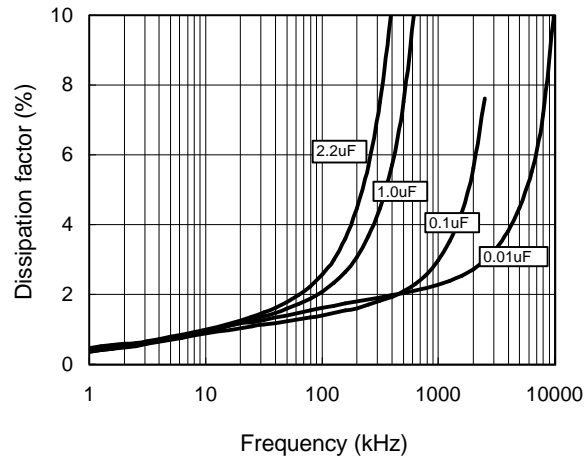
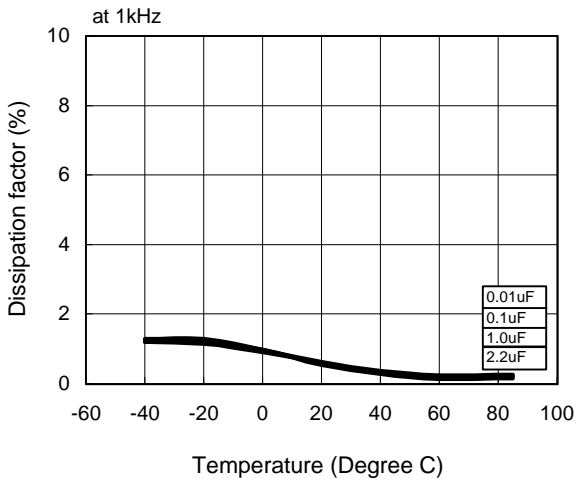
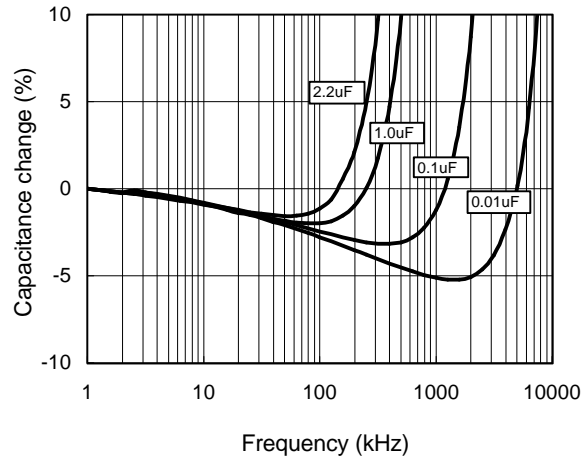
**ECQE(F) Type 400VDC Series (Metallized Polyester Film)**

**Erectrical Characteristics <Typical Data>**

**Temperature Characteristics**



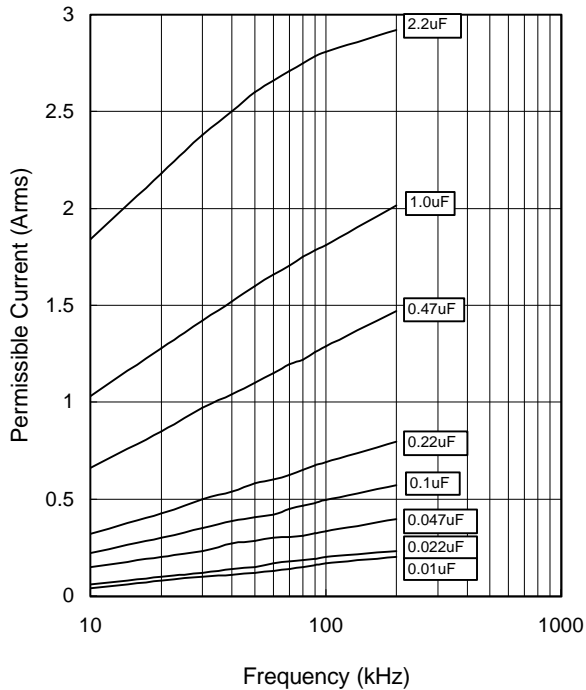
**Frequency Characteristics**



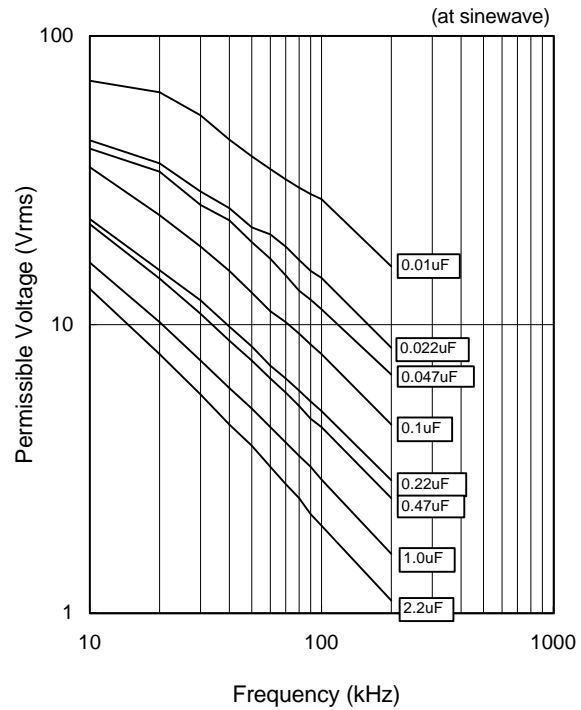
**ECQE(F) Type 400VDC Series (Metallized Polyester Film)**

**Applicable Specifications**

**Permissible Current**



**Permissible Voltage**

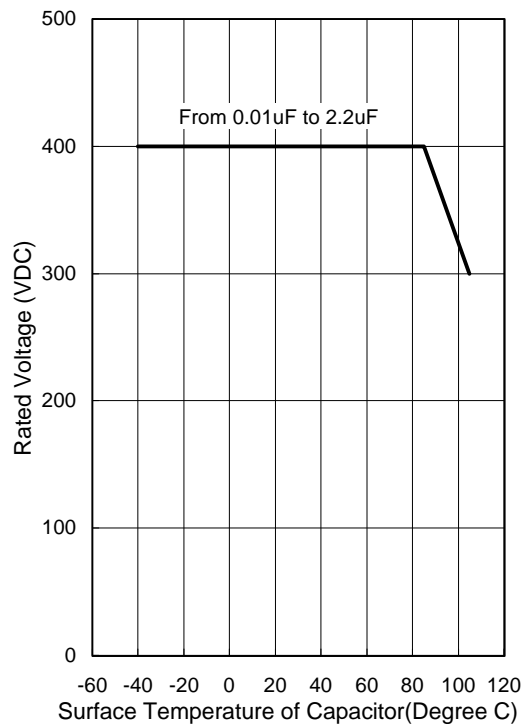


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
400VDC	0.010	103	131	1.31
	0.015	153		1.97
	0.022	223		2.88
	0.033	333		4.32
	0.047	473	78	3.67
	0.068	683		5.30
	0.100	104		7.80
	0.150	154	37	5.55
	0.220	224		8.14
	0.330	334		12.21
	0.470	474	22	17.39
	0.680	684		14.96
	1.000	105	18	22.00
	1.200	155		27.00
2.200	225		39.60	

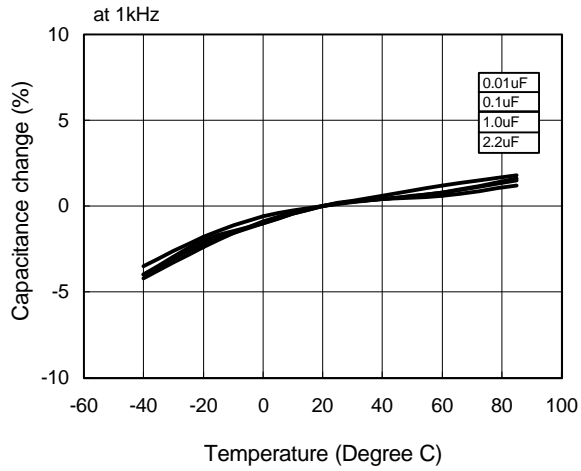
**Voltage Derating by Temperature**



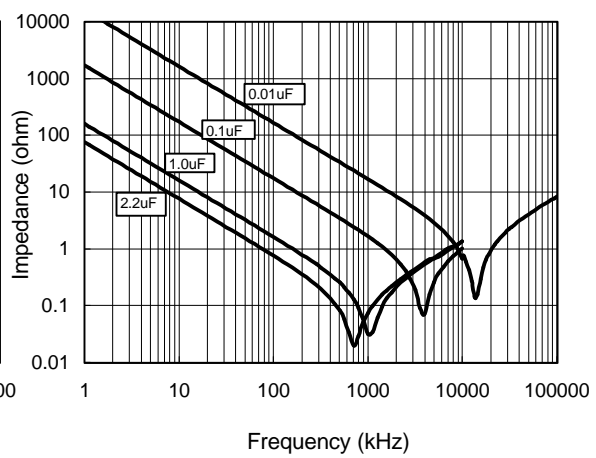
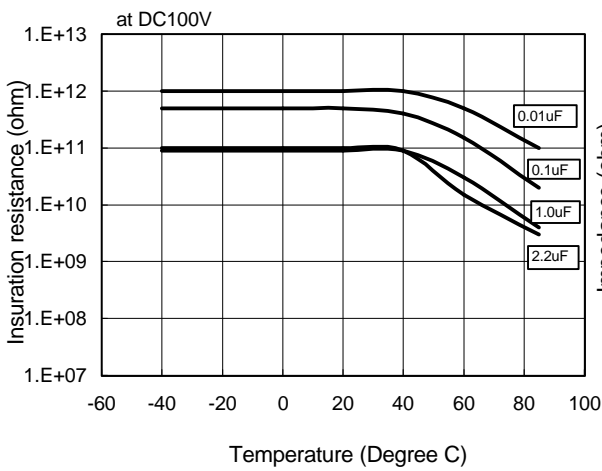
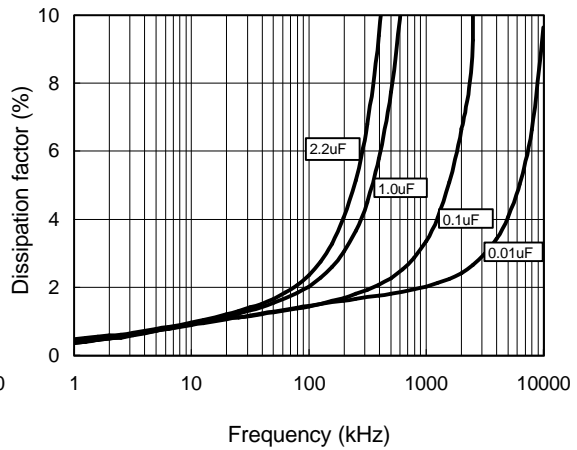
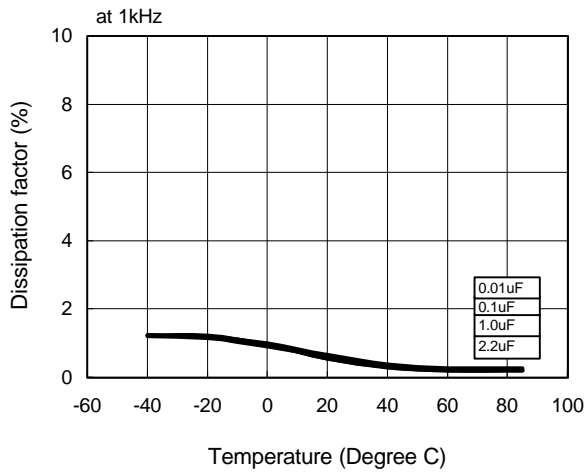
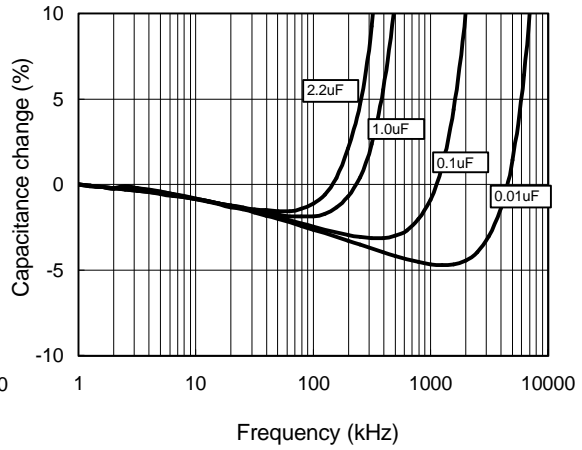
\* Please consult Panasonic if your condition exceeds the above spec.

**ECQE(F) Type 630VDC Series (Metallized Polyester Film)**  
**Erectrical Characteristics <Typical Data>**

**Temperature Characteristics**



**Frequency Characteristics**

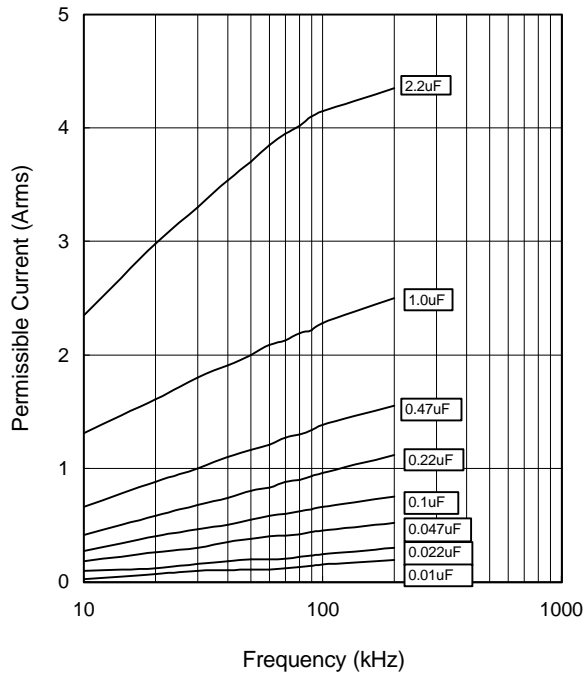




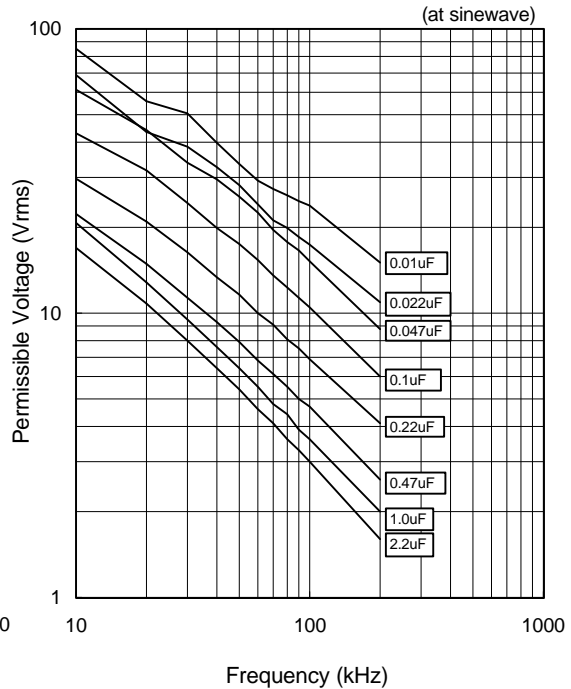
# ECQE(F) Type 630VDC Series (Metallized Polyester Film)

## Applicable Specifications

**Permissible Current**



**Permissible Voltage**

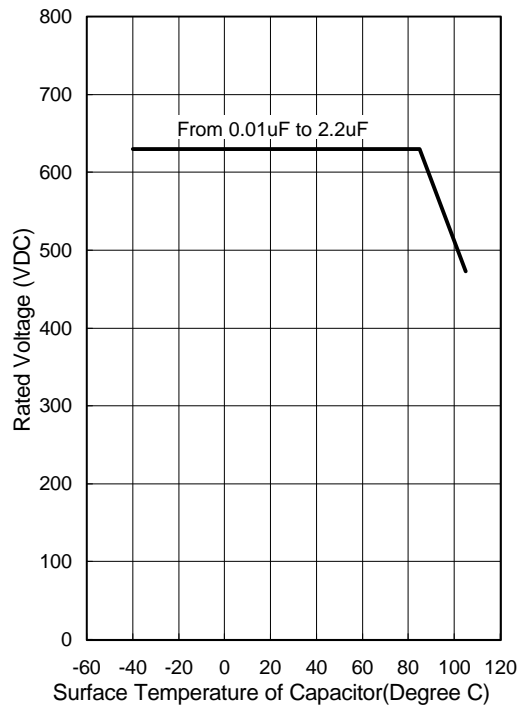


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
630VDC	0.010	103	273	2.73
	0.015	153		4.10
	0.022	223		6.01
	0.033	333		9.01
	0.047	473		12.83
	0.068	683	116	7.89
	0.100	104		11.60
	0.150	154		17.40
	0.220	224	63	25.52
	0.330	334		20.79
	0.470	474	48	29.61
	0.680	684		42.84
	1.000	105		48.00
	1.500	155	72.00	
2.200	225	105.60		

**Voltage Derating by Temperature**

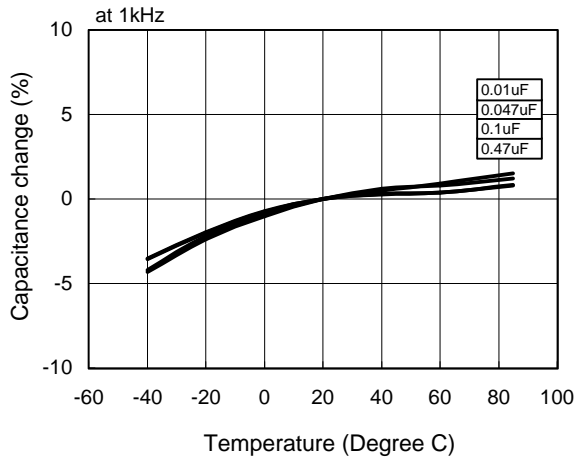


\* Please consult Panasonic if your condition exceeds the above spec.

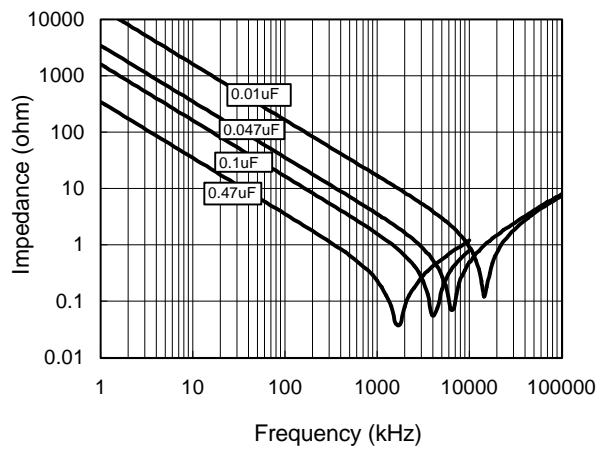
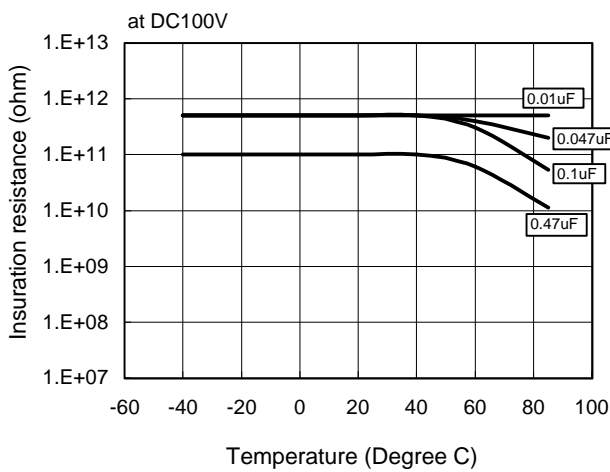
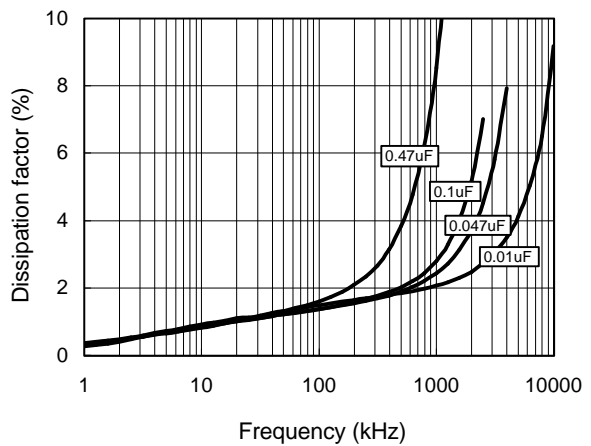
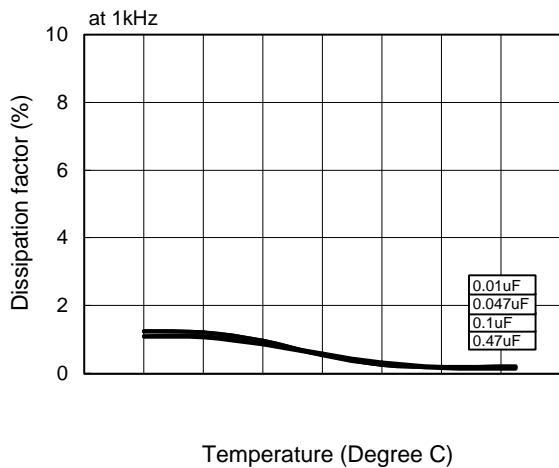
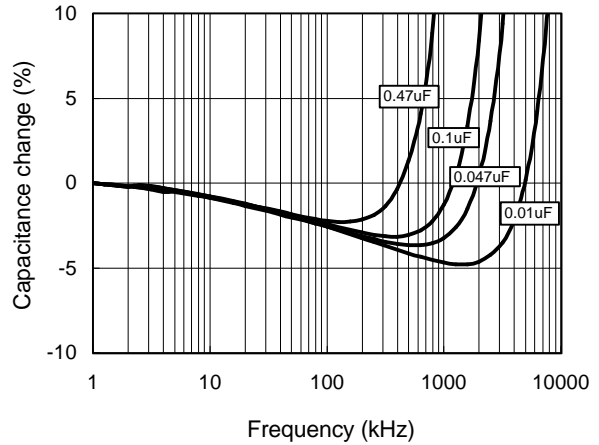
**ECQE(F) Type 125VAC Series (Metallized Polyester Film)**

**Erectrical Characteristics <Typical Data>**

**Temperature Characteristics**



**Frequency Characteristics**

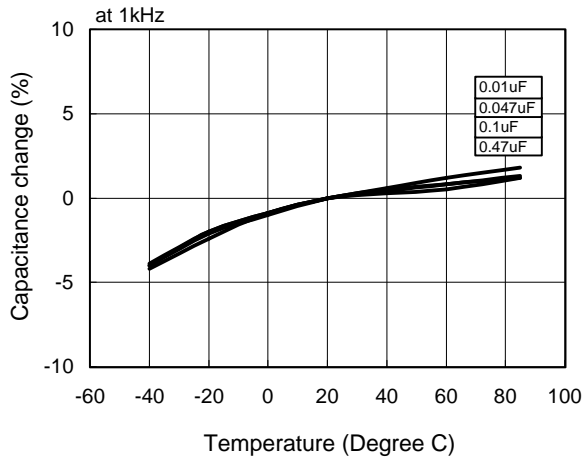




# ECQE(F) Type 250VAC Series (Metallized Polyester Film)

## Erectrical Characteristics <Typical Data>

### Temperature Characteristics



### Frequency Characteristics

