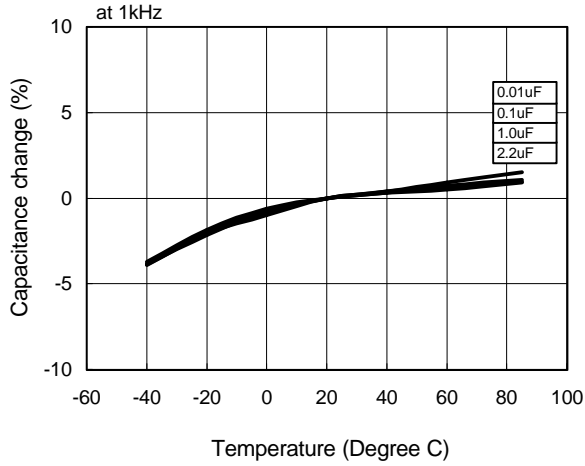


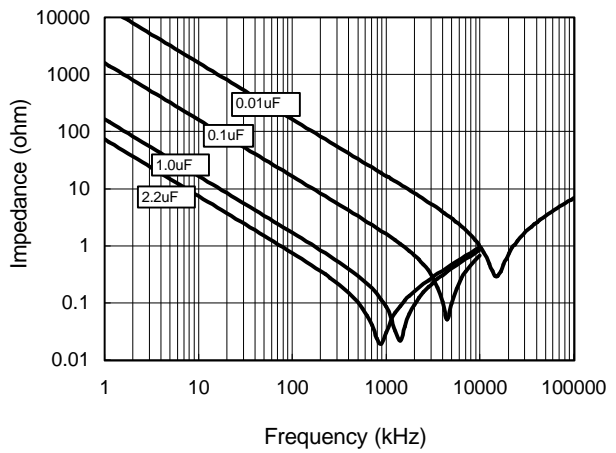
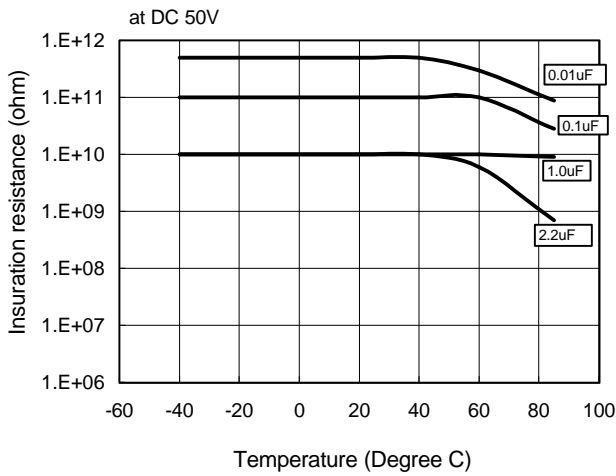
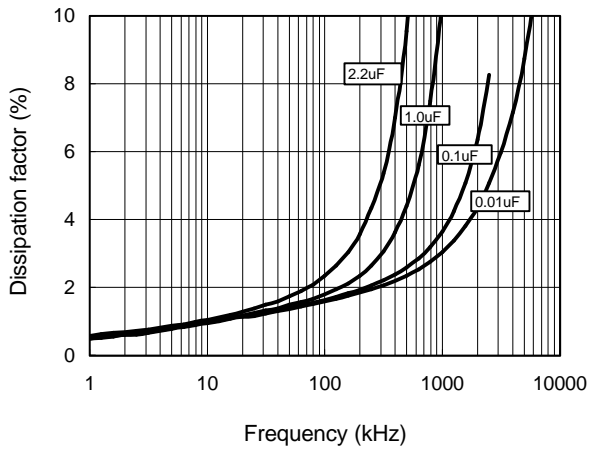
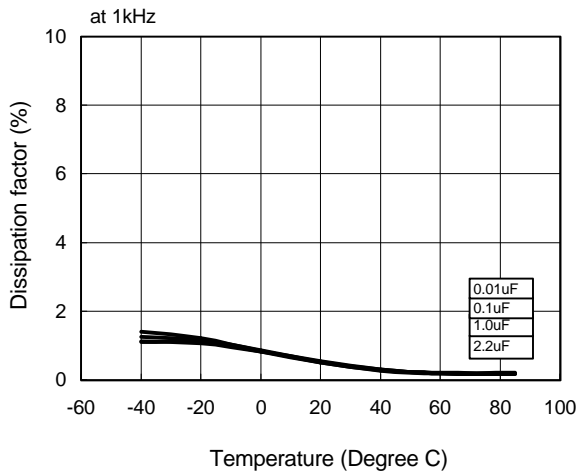
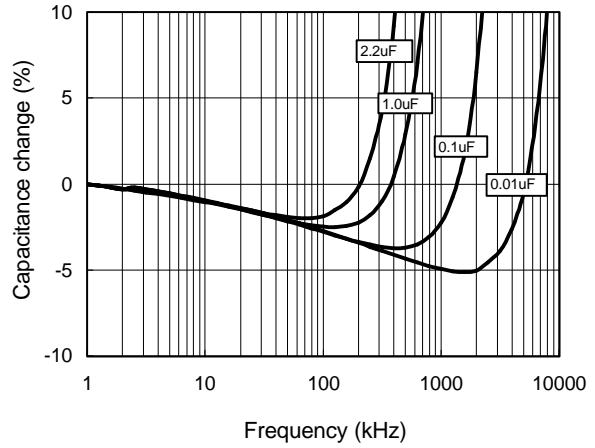
**ECQV(L) Type 50VDC Series (Polyester Film)**

**Erectrical Characteristics <Typical Data>**

**Temperature Characteristics**



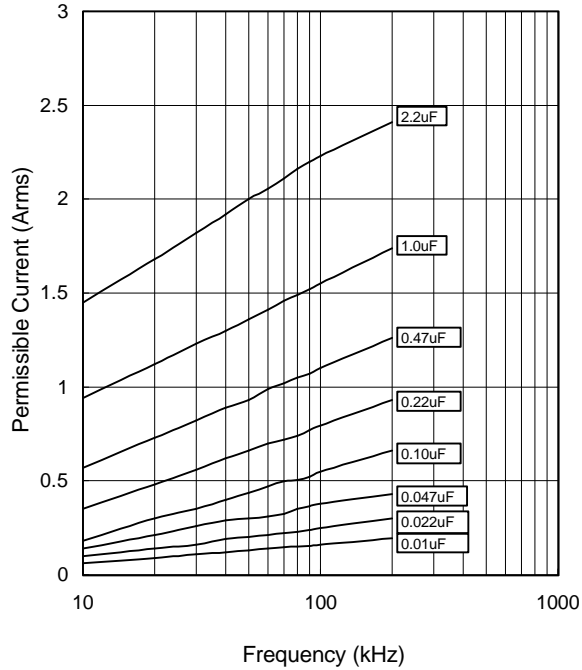
**Frequency Characteristics**



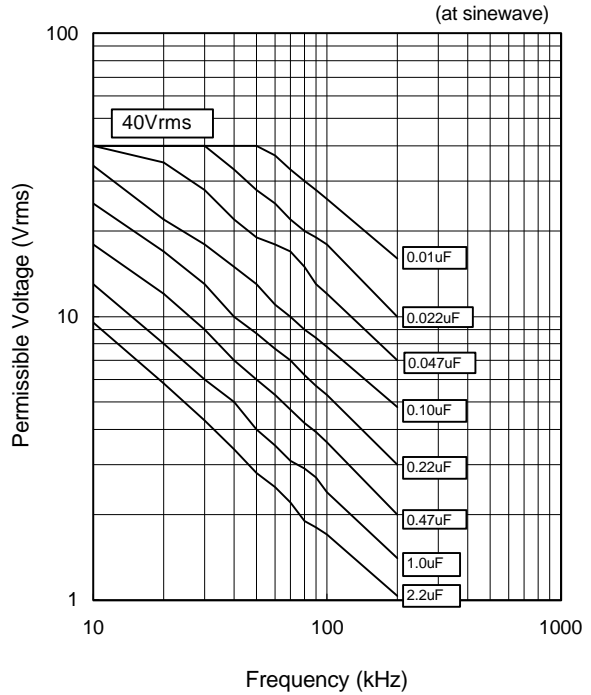
**ECQV(L) Type 50VDC Series (Polyester Film)**

**Applicable Specifications**

**Permissible Current**



**Permissible Voltage**

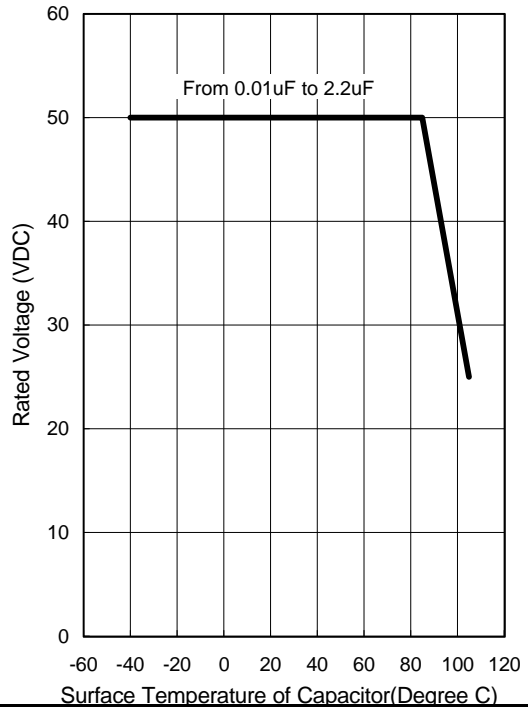


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
50VDC	0.010	103	37	0.37
	0.015	153		0.56
	0.022	223		0.81
	0.033	333		1.22
	0.047	473		1.74
	0.068	683		2.52
	0.100	104	32	3.20
	0.150	154		4.80
	0.220	224		7.04
	0.330	334		10.56
	0.470	474		15.04
	0.680	684	21.76	12
	1.000	105	32.00	
	1.500	155	18.00	
2.200	225		26.40	

**Voltage Derating by Temperature**



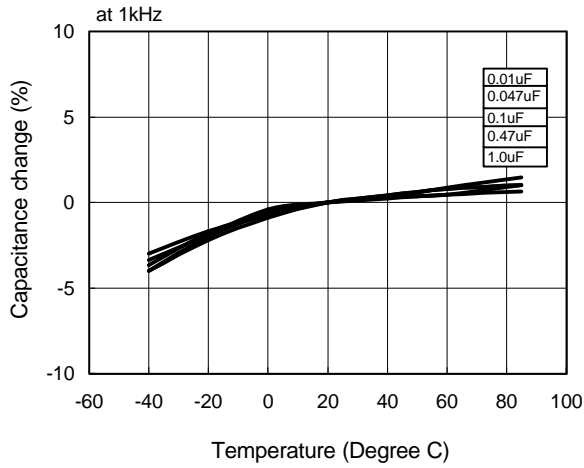
\* Please consult Panasonic if your condition exceeds the above spec.



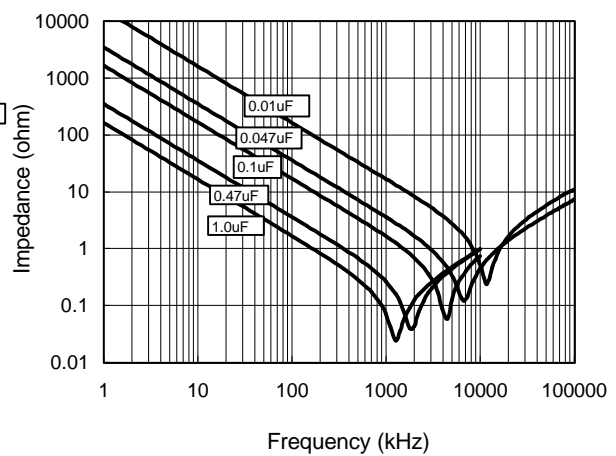
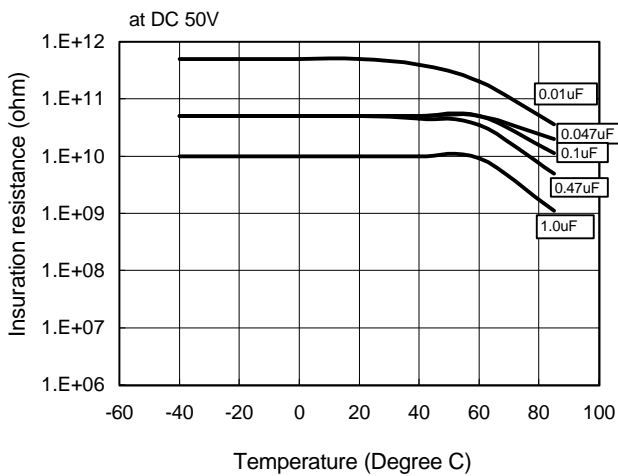
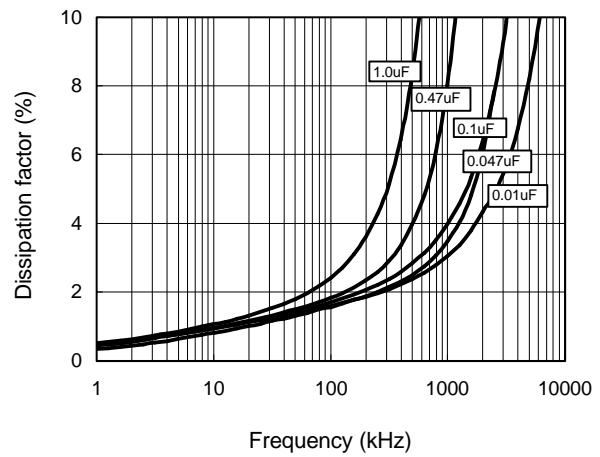
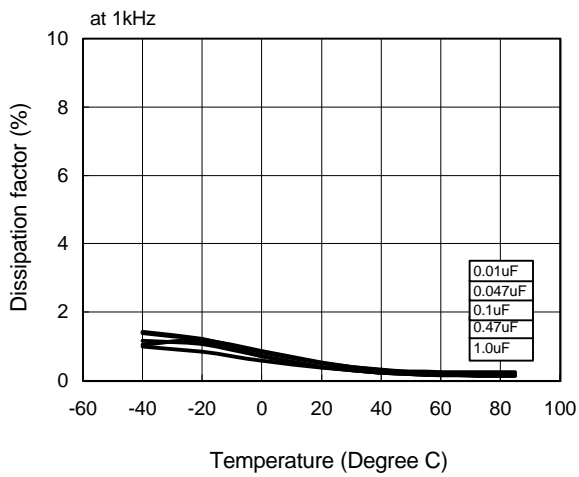
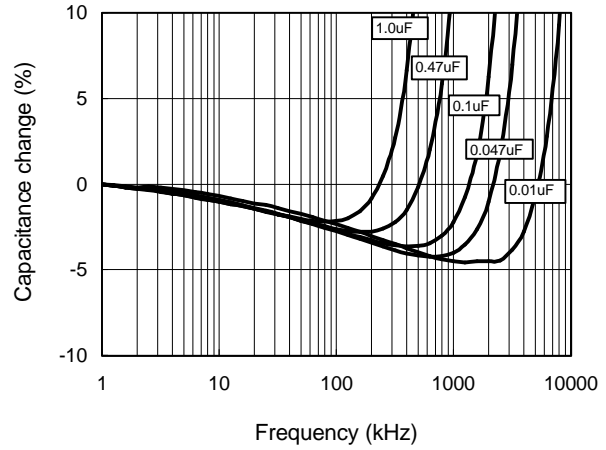
# ECQV(M) Type 63VDC Series (Polyester Film)

## Erectrical Characteristics <Typical Data>

### Temperature Characteristics



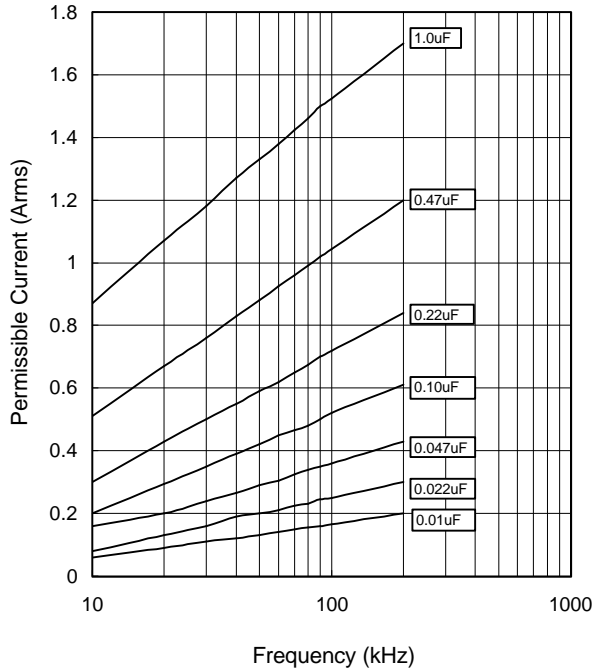
### Frequency Characteristics



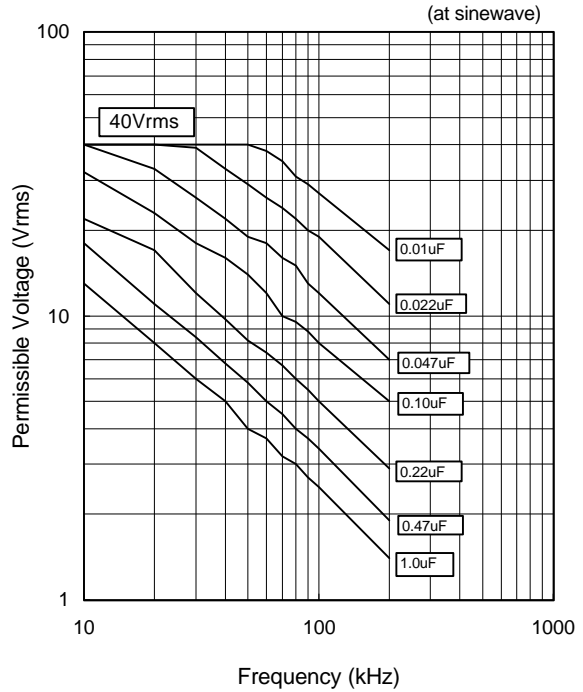
**ECQV(M) Type 63VDC Series (Polyester Film)**

**Applicable Specifications**

**Permissible Current**



**Permissible Voltage**

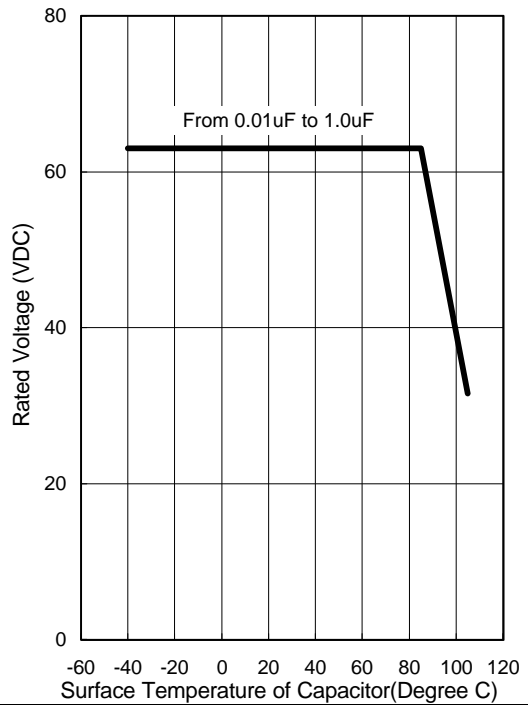


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
63VDC	0.010	103	49	0.49
	0.015	153		0.74
	0.022	223		1.08
	0.033	333		1.62
	0.047	473		2.30
	0.068	683		3.33
	0.100	104	45	4.90
	0.150	154		7.35
	0.220	224		9.90
	0.330	334		14.85
	0.470	474	33	21.15
	0.680	684		30.60
	1.000	105		33.00

**Voltage Derating by Temperature**



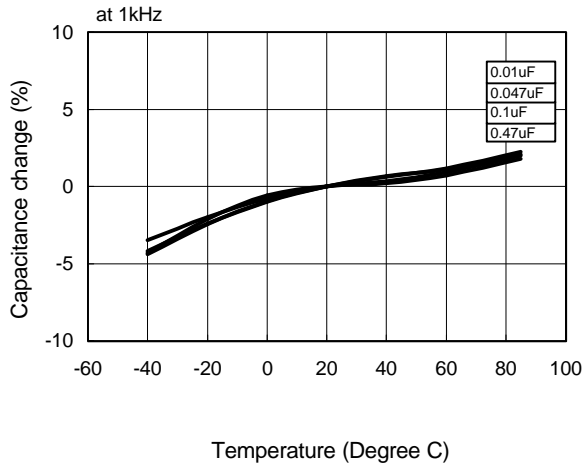
\* Please consult Panasonic if your condition exceeds the above spec.



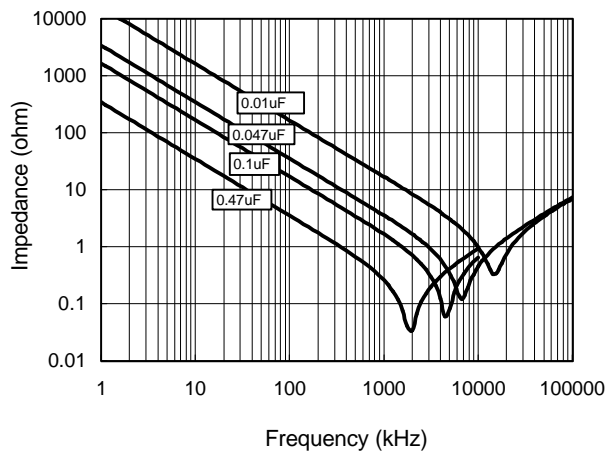
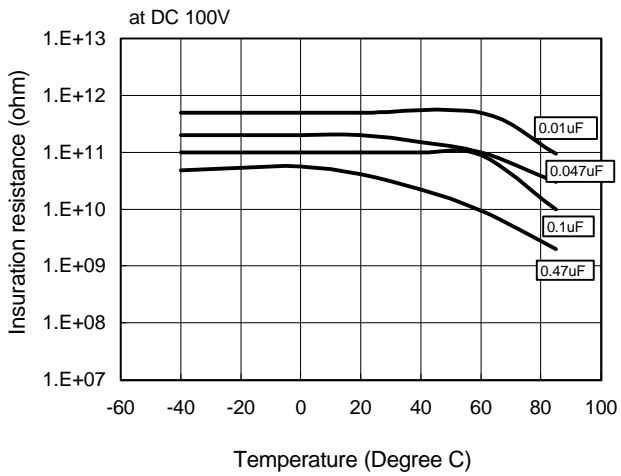
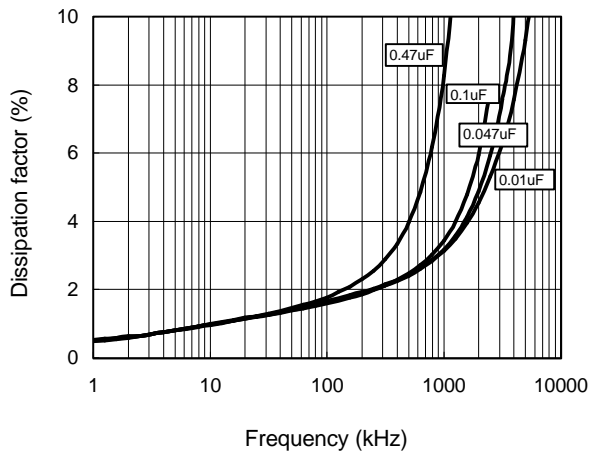
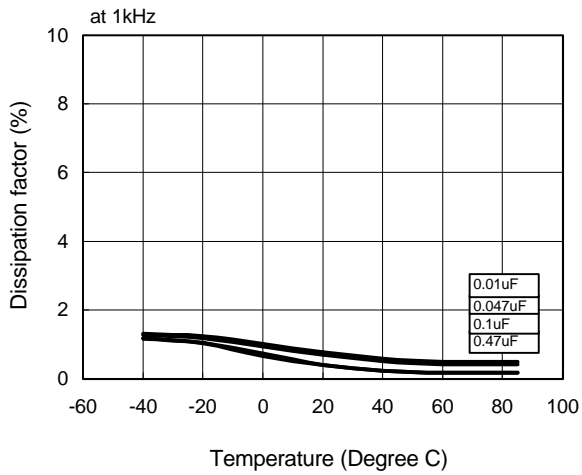
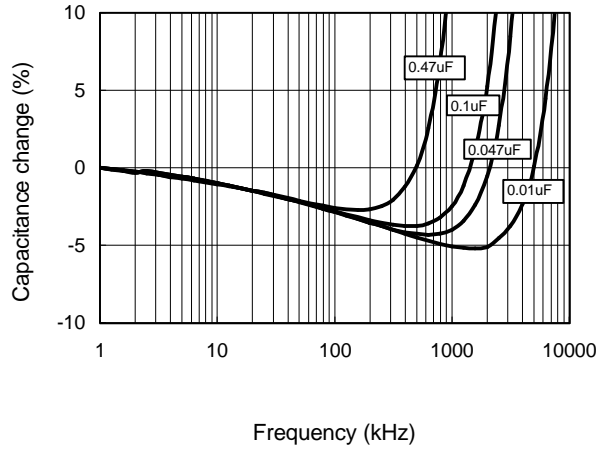
# ECQV(M) Type 100VDC Series (Polyester Film)

## Erectrical Characteristics <Typical Data>

### Temperature Characteristics



### Frequency Characteristics

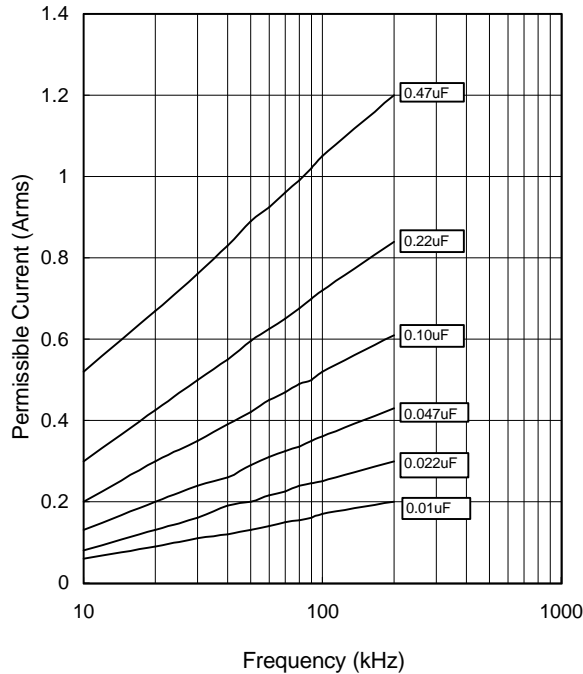




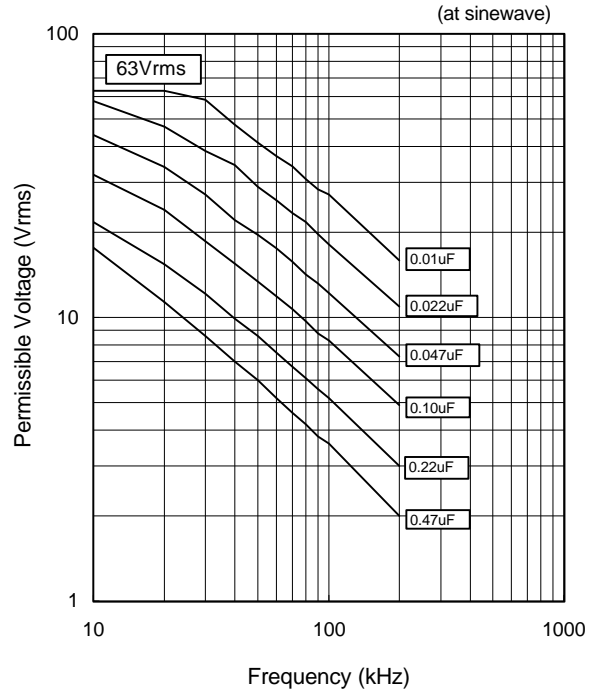
# ECQV(M) Type 100VDC Series (Polyester Film)

## Applicable Specifications

**Permissible Current**



**Permissible Voltage**

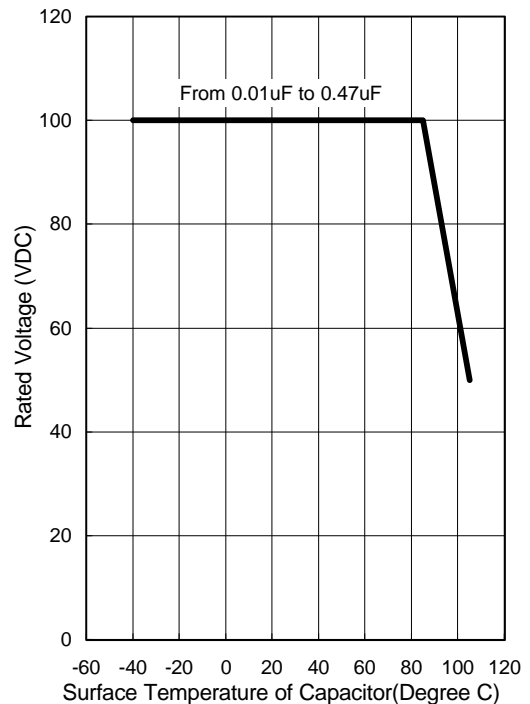


**Pulse Handling Capability (dV/dt)**

(Max 10000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
100VDC	0.010	103	55	0.55
	0.015	153		0.83
	0.022	223		1.21
	0.033	333		1.82
	0.047	473		2.59
	0.068	683	43	3.74
	0.100	104		5.50
	0.150	154		6.45
	0.220	224		9.46
	0.330	334		14.19
	0.470	474		20.21

**Voltage Derating by Temperature**



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