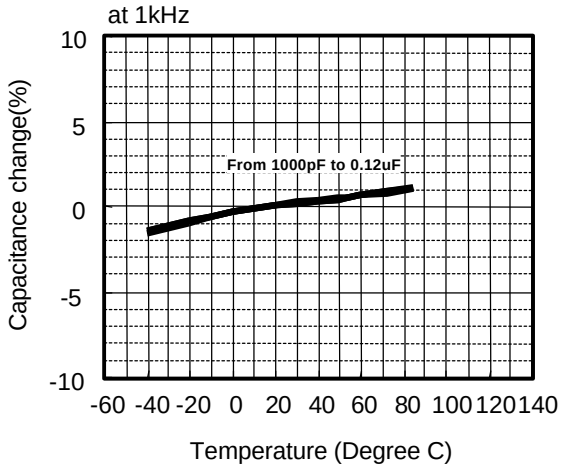
Panasonic

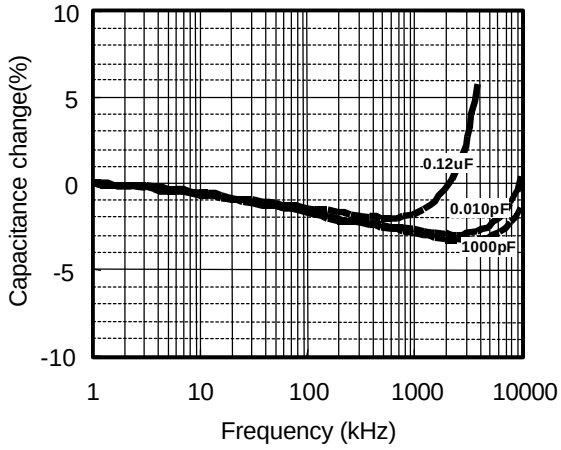
ECWU (V16) Type (for xDSL) DC250V series (Stacked Metallized Film)

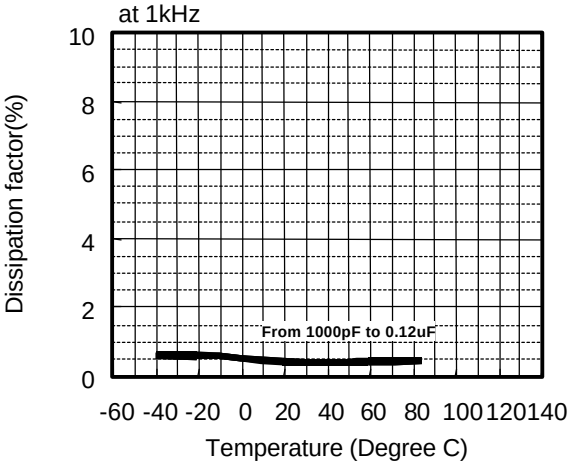
Electrical Characteristics < Typical Data >

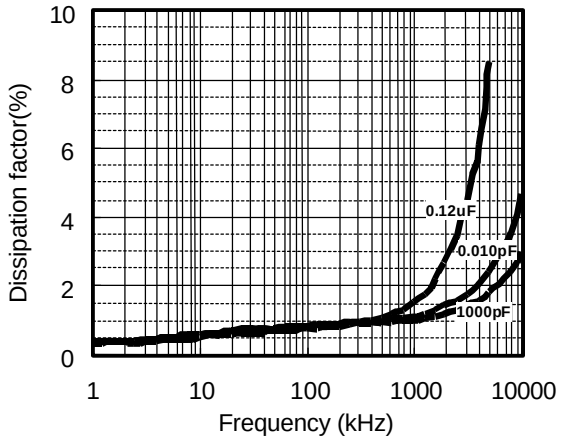
Temperature Characteristics

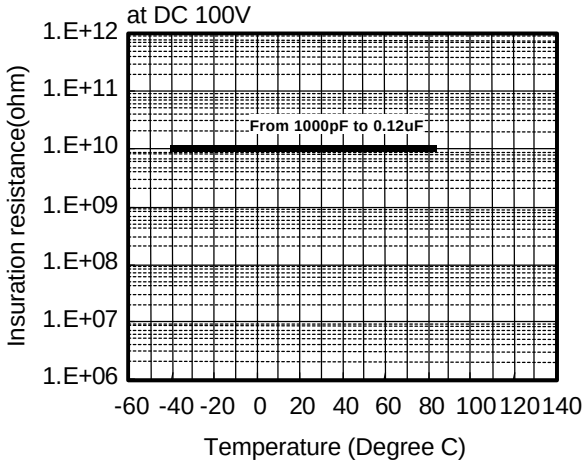


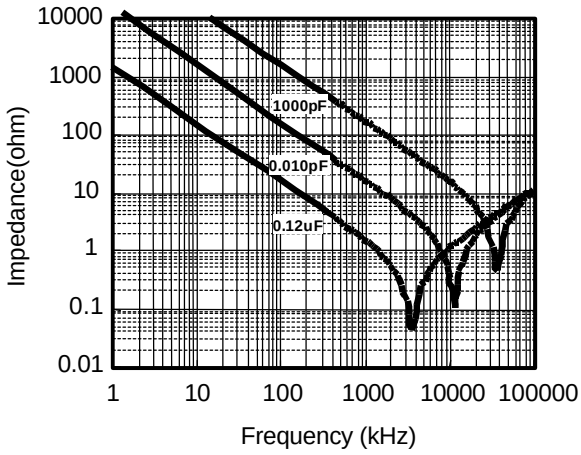
Frequency Characteristics









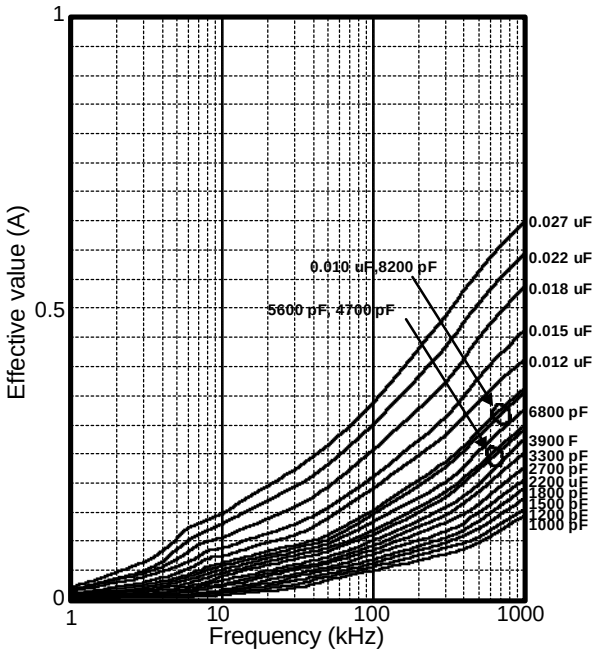


Panasonic

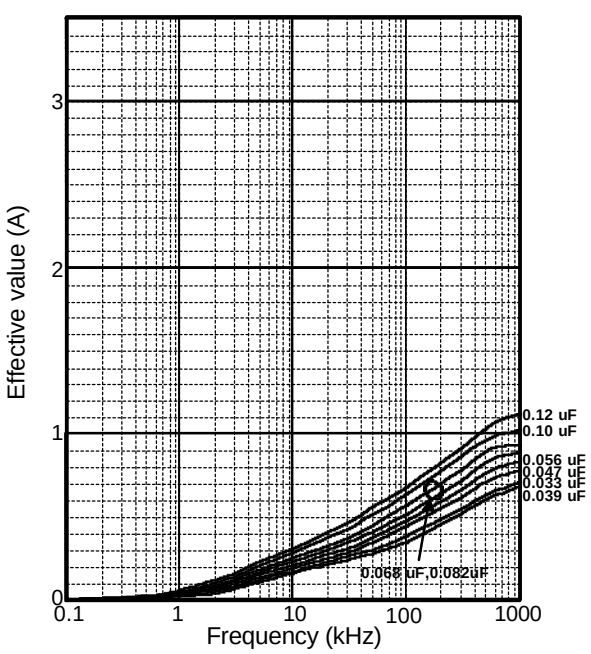
ECWU (V16) Type DC250V series (Stacked Metallized Film)

Applicable Specifications

Permissible current

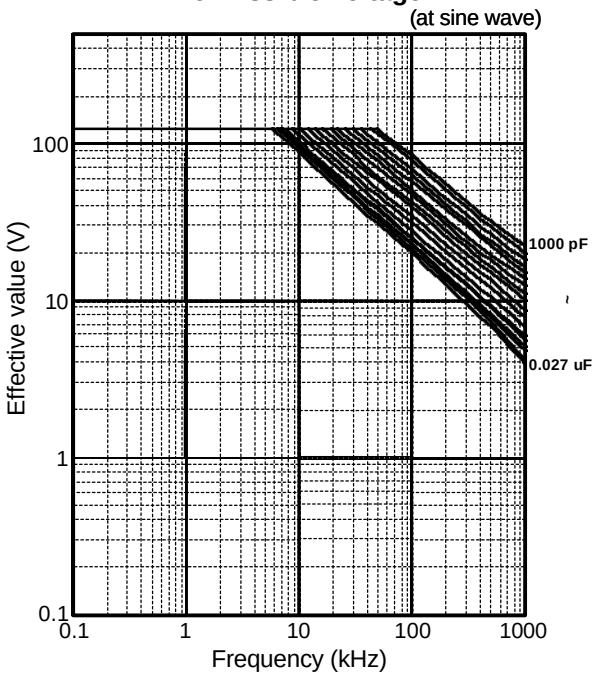


Permissible current



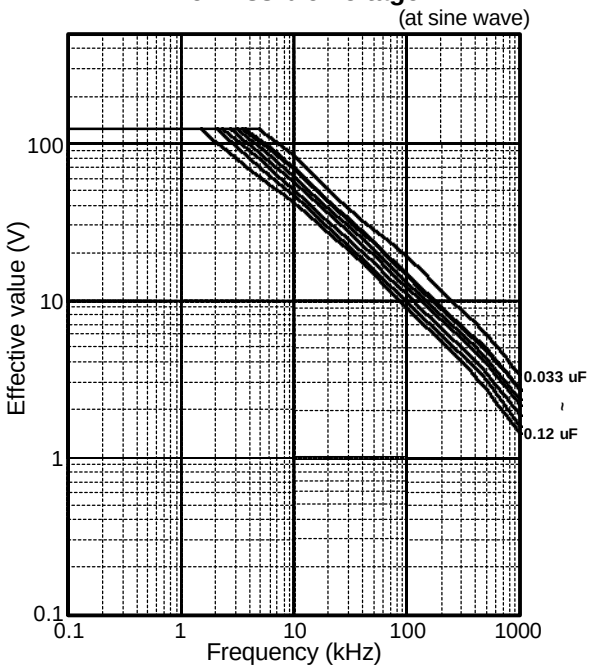
Permissible voltage

(at sine wave)



Permissible voltage

(at sine wave)



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

Panasonic

ECWU (V16) Type DC250V series (Stacked Metallized Film)

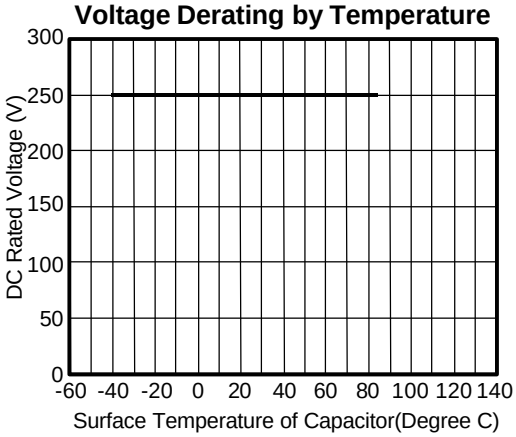
Applicable Specifications

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

Rating Voltage	Capacitance Value(uF)	Code	dv/dt(V/us)	Current($_{0\text{-}P}$) (A)
DC 250V	0.0010	102	615	0.62
	0.0012	122		0.74
	0.0015	152		0.92
	0.0018	182		1.11
	0.0022	222		1.35
	0.0027	272		1.66
	0.0033	332		2.03
	0.0039	392		2.40
	0.0047	472	360	1.69
	0.0056	562		2.02
	0.0068	682		2.45
	0.0082	822		2.95
	0.010	103		3.60
	0.012	123		4.32
	0.015	153		5.40
	0.018	183		6.48
	0.022	223		7.92
	0.027	273		9.72
	0.033	333		11.88

Rating Voltage	Capacitance Value(uF)	Code	dv/dt(V/us)	Current($_{0\text{-}P}$) (A)
DC 250V	0.039	393	240	9.36
	0.047	473		11.28
	0.056	563		13.44
	0.068	683		16.32
	0.082	823		19.68
	0.10	104		24.00
	0.12	124		28.80

Voltage Derating by Temperature



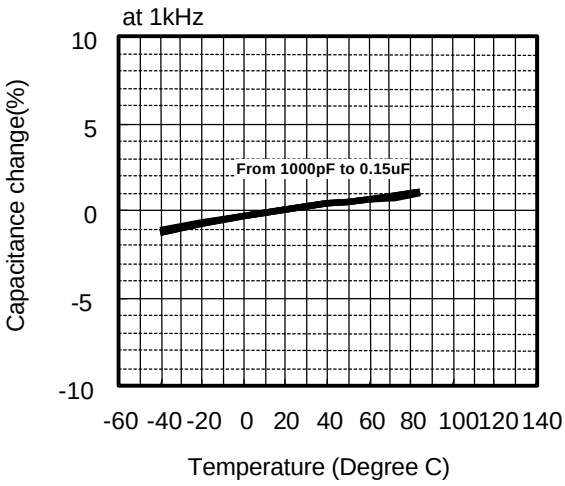
* Please consult Panasonic if your condition exceeds the above spec.
*Permissible voltage graph is the case of sine waveform. When you use this product, peak voltage must not exceed DC rated voltage.
*The current($_{0\text{-}P}$) value is calculated using nominal capacitance.

Panasonic

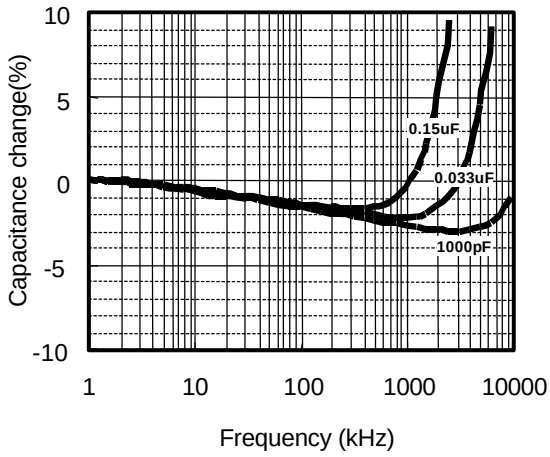
ECWU (V17) Type (for xDSL) DC400V series (Stacked Metallized Film)

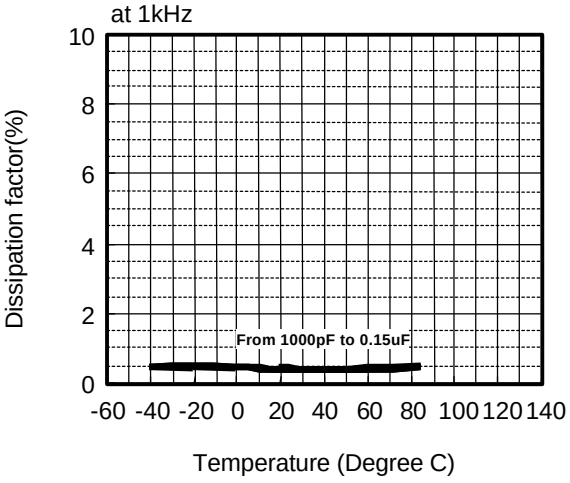
Electrical Characteristics < Typical Data >

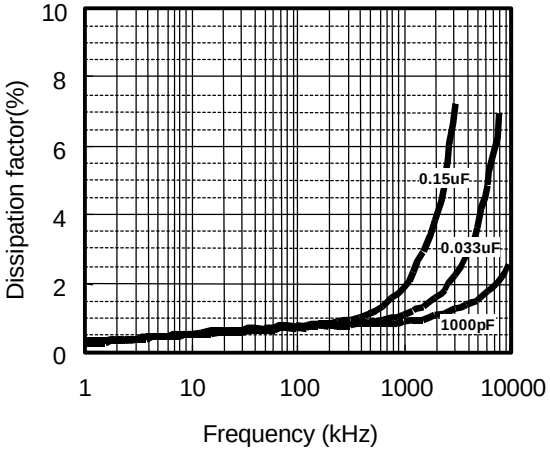
Temperature Characteristics

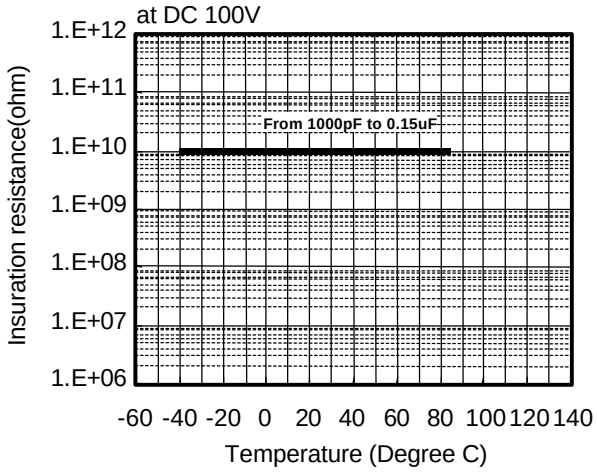


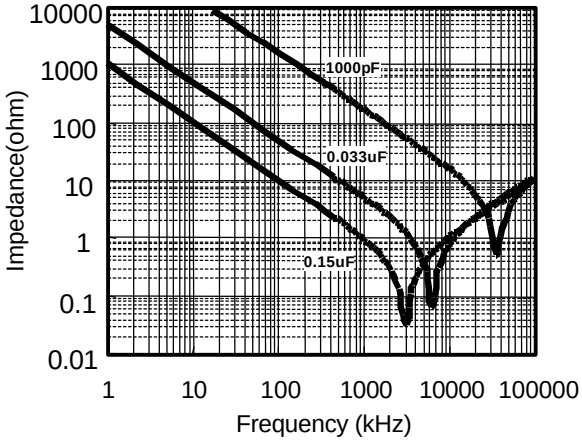
Frequency Characteristics









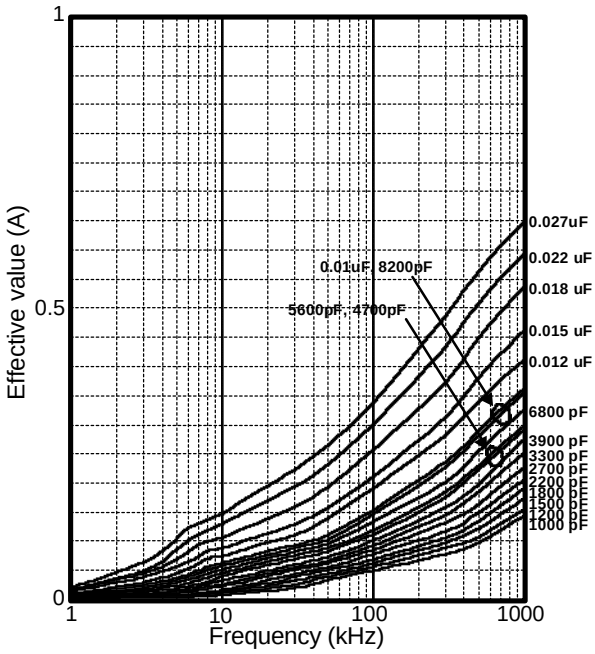


Panasonic

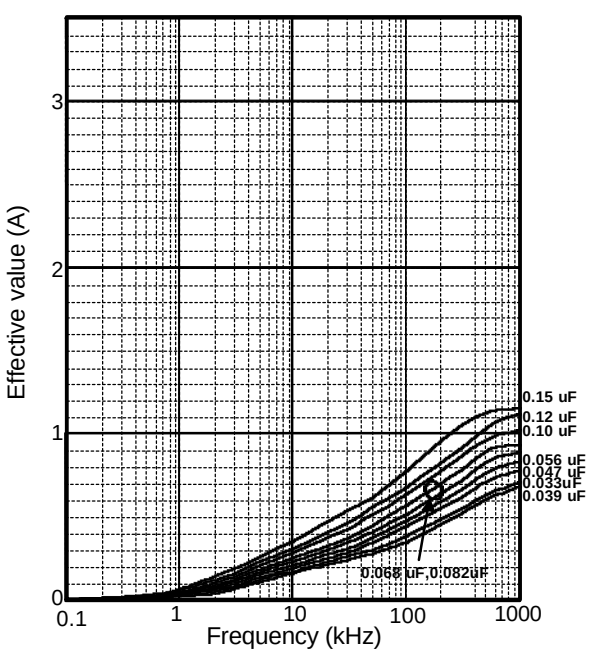
ECWU (V17) Type DC400V series (Stacked Metallized Film)

Applicable Specifications

Permissible current

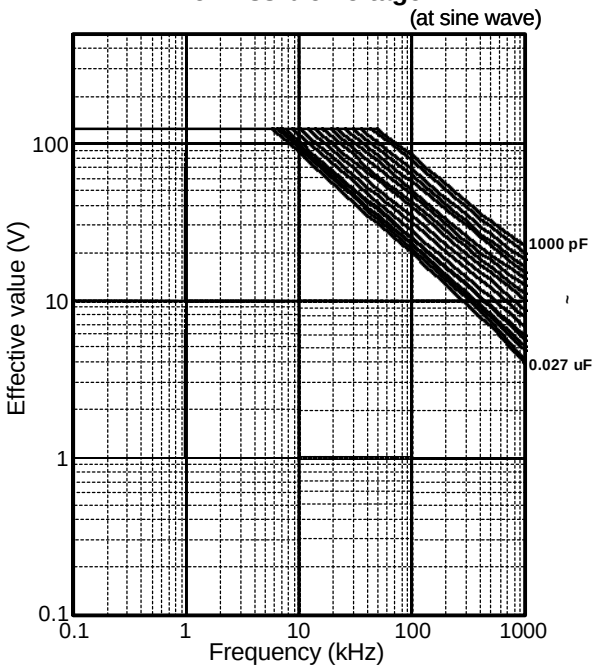


Permissible current



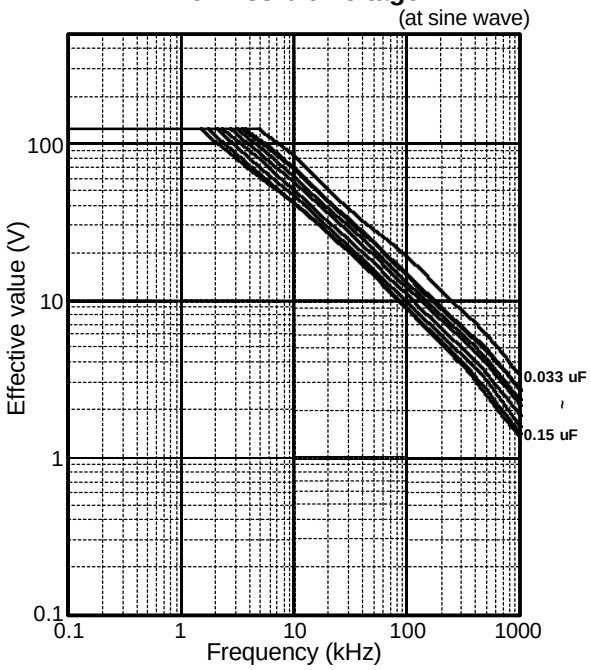
Permissible voltage

(at sine wave)



Permissible voltage

(at sine wave)



* 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.

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Panasonic

ECWU (V17) Type DC400V series (Stacked Metallized Film)

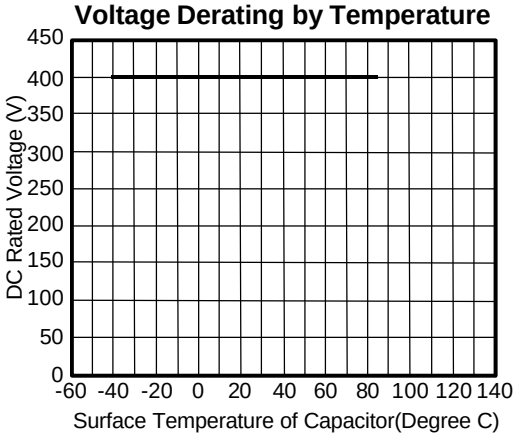
Applicable Specifications

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

Rating Voltage	Capacitance Value(uF)	Code	dv/dt(V/us)	Current($_{0\text{-}P}$) (A)
DC 400V	0.0010	102	615	0.62
	0.0012	122		0.74
	0.0015	152		0.92
	0.0018	182		1.11
	0.0022	222		1.35
	0.0027	272		1.66
	0.0033	332		2.03
	0.0039	392		2.40
	0.0047	472	360	1.69
	0.0056	562		2.02
	0.0068	682		2.45
	0.0082	822		2.95
	0.010	103		3.60
	0.012	123	240	2.88
	0.015	153		3.60
	0.018	183		4.32
	0.022	223		5.28
	0.027	273		6.48
	0.033	333		7.92

Rating Voltage	Capacitance Value(uF)	Code	dv/dt(V/us)	Current($_{0\text{-}P}$) (A)
DC 400V	0.039	393	190	7.41
	0.047	473		8.93
	0.056	563		10.64
	0.068	683		12.92
	0.082	823	115	9.43
	0.10	104		11.50
	0.12	124		13.80
	0.15	154		17.25

Voltage Derating by Temperature



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