

Permissible voltage (R.M.S) in alternating current corresponding to DC rated voltage

1. In case of applying voltage in alternating current (50 Hz or 60 Hz sine wave) to a capacitor, permissible voltage (R.M.S) in alternating current is shown in the following table.
2. Permissible voltage (R.M.S) in alternating current is not an AC rated voltage.
3. The capacitor of DC rating should not be used at the primary side of power supplies.
4. The peak value (zero-to-peak) including pulse of voltage applied capacitor of DC rating should be less than DC rated voltage.

The permissible pulse current is different in each type of the capacitor, please request the product specifications.

5. Please request the product specifications or consult us about details of permissible voltage (R.M.S) in alternating current.

Series		Rated voltage (V) [DC]	Permissible voltage (R.M.S) in alternating current (V) [AC]
ECHU(X)	ECHU1C(X)	16	11
	ECHU1H(X)	50	30
ECHU(C)	ECHU1(C)	100	40
ECWU(X)	ECWU1(X)	100	40
	ECWU1(C)	100	40
ECWU(C)	ECWU2(C)	250	125
	ECWUC2J	630	250
	ECWUC2J	630	250
ECPU(A)	ECPU1C(A)	16	12
ECQE(F)	ECQE1(F)	100	63
	ECQE2(F)	250	150
	ECQE4(F)	400	200
	ECQE6(F)	630	250
	ECQE10(F)	1000	400
	ECQE12(F)	1250	500
ECQE(B)	ECQE2(B)	250	125
	ECQE2(T)	250	150
ECQE(T)	ECQE4(T)	400	200
	ECQE6(T)	630	250
	ECWF2(A)	250	125
ECWF(A)	ECWF2W(A)	450	84
	ECWFA2J	630	141
	ECWFD	ECWFD2W	450
ECWFD	ECWFD2J	630	141
	ECWFE	ECWFE2W	450
ECWFE	ECWFE2J	630	141
	ECWFG	ECWFG60	600
ECWFG2J		630	141
ECWFG70		700	141
ECWFG80		800	70
ECWFG1B		1100	90
ECWF(L)	ECWF4(L)	400	141
	ECWF6(L)	630	223
ECWH(A)	ECWH8(A)	800	283
	ECWHA3C	1600	700
ECWH(C)	ECWH6(C)	630	223
	ECWHC3B	1250	450
	ECWHC3F	3000	1060
ECWH(V)	ECWH10(V)	1000	283
	ECWH12(V)	1250	354
	ECWH16(V)	1600	424
	ECWH20(V)	2000	531