

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. In case of using ECWH(V) type in CRT horizontal resonance circuit, please apply voltage not higher than permissible voltage (peak-to-peak : p-p) in CRT horizontal resonance circuit shown in the following table.
5. 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.
6. Please request the product specifications or consult us about details of permissible voltage (R.M.S) in alternating current.

| Type & Series | | Rated voltage (V.DC) | Permissible voltage (R.M.S) in alternating current (V.AC) | Permissible voltage (p-p) in CRT horizontal resonance circuit |
|---------------|-----------|----------------------|---|---|
| ECHU(X) | ECHU1C(X) | 16 | 11 | |
| | ECHU1H(X) | 50 | 30 | |
| ECHU(C) | ECHU1(C) | 100 | 40 | |
| ECWU(X) | ECWU1(X) | 100 | 40 | |
| ECWU(C) | ECWU1(C) | 100 | 40 | |
| | ECWU2(C) | 250 | 125 | |
| | 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 | |
| ECQE(B) | ECQE12(F) | 1250 | 500 | |
| | ECQE2(B) | 250 | 125 | |
| ECQE(T) | ECQE2(T) | 250 | 150 | |
| | ECQE4(T) | 400 | 200 | |
| | ECQE6(T) | 630 | 250 | |
| ECWF(A) | ECWF2(A) | 250 | 125 | |
| | ECWF2W(A) | 450 | 84 | |
| | ECWFA2J | 630 | 141 | |
| ECWFD | ECWFD2W | 450 | 84 | |
| | ECWFD2J | 630 | 141 | |
| ECWFE | ECWFE2W | 450 | 84 | |
| | ECWFE2J | 630 | 141 | |
| 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 | V1000 Vp-p |
| | ECWH16(V) | 1600 | 424 | V1200 Vp-p |
| | ECWH20(V) | 2000 | 531 | V1500 Vp-p |