

### 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  |
|         | ECWU2(C)   | 250                    | 125   |
| ECWU(C) | ECWUC2J    | 630                    | 250   |
|         | 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                    | 84  |
|         | ECWFD2J    | 630                    | 141   |
| ECWFE   | ECWFE2W    | 450                    | 84  |
|         | ECWFE2J    | 630                    | 141   |
| ECWFG   | ECWFG60    | 600                    | 50  |
|         | 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   |

◆Some part number have been designated discontinued.