



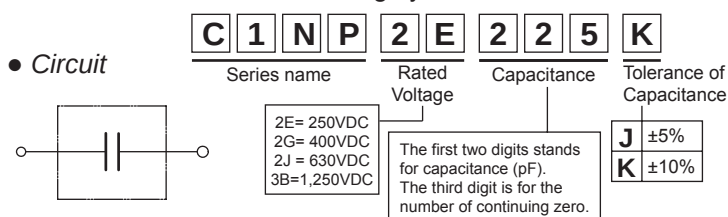
### Features

- High performance.
- High capacitance.
- High surge withstand voltage and high current withstand capability.

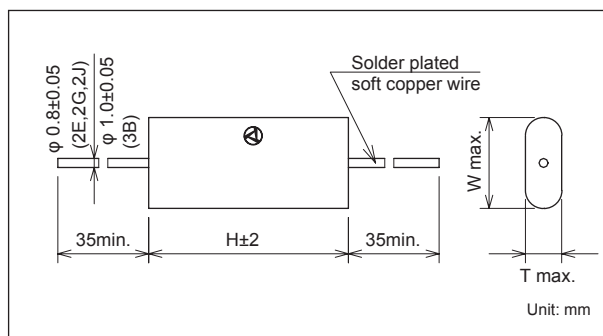
### Applications

- High frequency circuit, High voltage resonant circuit, Snubber circuit and Protection of semiconductors.

#### Model numbering system



#### Dimensions



### Electrical Specifications

| Rated Voltage   | Model Number | Capacitance<br>μF | Dimensions (mm) |      |      |     | Dissipation Factor     | Test Voltage                          | Insulation Resistance              |
|-----------------|--------------|-------------------|-----------------|------|------|-----|------------------------|---------------------------------------|------------------------------------|
|                 |              |                   | W               | H    | T    | d   |                        |                                       |                                    |
| 2E<br>(250VDC)  | C1NP2E225□   | 2.2               | 20.0            | 44.0 | 8.0  | 0.8 | 0.001max.<br>(at 1kHz) | Rated Voltage<br>×1.75VDC<br>(2~5sec) | 20,000Ω•Fmin.<br>(at 20°C, 100VDC) |
|                 | C1NP2E275□   | 2.7               | 21.5            | 44.0 | 9.0  | 0.8 |                        |                                       |                                    |
|                 | C1NP2E335□   | 3.3               | 22.0            | 44.0 | 10.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E395□   | 3.9               | 23.5            | 44.0 | 11.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E475□   | 4.7               | 25.0            | 44.0 | 13.0 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E565□   | 5.6               | 27.0            | 44.0 | 14.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E685□   | 6.8               | 28.5            | 44.0 | 16.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E825□   | 8.2               | 33.5            | 44.0 | 17.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E106□   | 10.0              | 34.5            | 44.0 | 19.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2E126□   | 12.0              | 37.0            | 44.0 | 22.0 | 0.8 |                        |                                       |                                    |
| 2G<br>(400VDC)  | C1NP2G125□   | 1.2               | 20.5            | 44.0 | 9.0  | 0.8 |                        |                                       |                                    |
|                 | C1NP2G155□   | 1.5               | 22.0            | 44.0 | 10.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2G185□   | 1.8               | 23.5            | 44.0 | 11.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2G225□   | 2.2               | 25.0            | 44.0 | 13.0 | 0.8 |                        |                                       |                                    |
|                 | C1NP2G275□   | 2.7               | 26.5            | 44.0 | 14.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2G335□   | 3.3               | 28.5            | 44.0 | 16.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2G395□   | 3.9               | 32.0            | 44.0 | 17.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2G475□   | 4.7               | 34.5            | 44.0 | 19.0 | 0.8 |                        |                                       |                                    |
| 2J<br>(630VDC)  | C1NP2J824□   | 0.82              | 20.5            | 44.0 | 9.5  | 0.8 |                        |                                       |                                    |
|                 | C1NP2J105□   | 1.0               | 21.5            | 44.0 | 10.0 | 0.8 |                        |                                       |                                    |
|                 | C1NP2J125□   | 1.2               | 23.0            | 44.0 | 11.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2J155□   | 1.5               | 24.5            | 44.0 | 13.0 | 0.8 |                        |                                       |                                    |
|                 | C1NP2J185□   | 1.8               | 26.5            | 44.0 | 14.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2J225□   | 2.2               | 28.0            | 44.0 | 16.0 | 0.8 |                        |                                       |                                    |
|                 | C1NP2J275□   | 2.7               | 30.5            | 44.0 | 17.5 | 0.8 |                        |                                       |                                    |
|                 | C1NP2J335□   | 3.3               | 35.0            | 44.0 | 20.0 | 0.8 |                        |                                       |                                    |
| 3B<br>(1250VDC) | C1NP3B105□   | 1.0               | 30.0            | 60.0 | 20.5 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B125□   | 1.2               | 32.5            | 60.0 | 23.0 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B155□   | 1.5               | 35.5            | 60.0 | 26.0 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B185□   | 1.8               | 38.5            | 60.0 | 29.0 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B225□   | 2.2               | 38.0            | 70.0 | 28.5 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B275□   | 2.7               | 41.5            | 70.0 | 32.0 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B335□   | 3.3               | 45.5            | 70.0 | 36.0 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B395□   | 3.9               | 49.0            | 70.0 | 39.5 | 1.0 |                        |                                       |                                    |
|                 | C1NP3B475□   | 4.7               | 53.0            | 70.0 | 44.0 | 1.0 |                        |                                       |                                    |

□:J=Tolerance of Capacitance ±5%, K=Tolerance of Capacitance ±10%

Operating Temperature: -40~+85°C