



### Features

- Y class rating up to 0.1 $\mu$ F not readily available elsewhere.
- IEC65 withstand voltage of 2,000Vac for severe applications.

### Applications

- Designed mainly for suppressing noise occurring in applications.

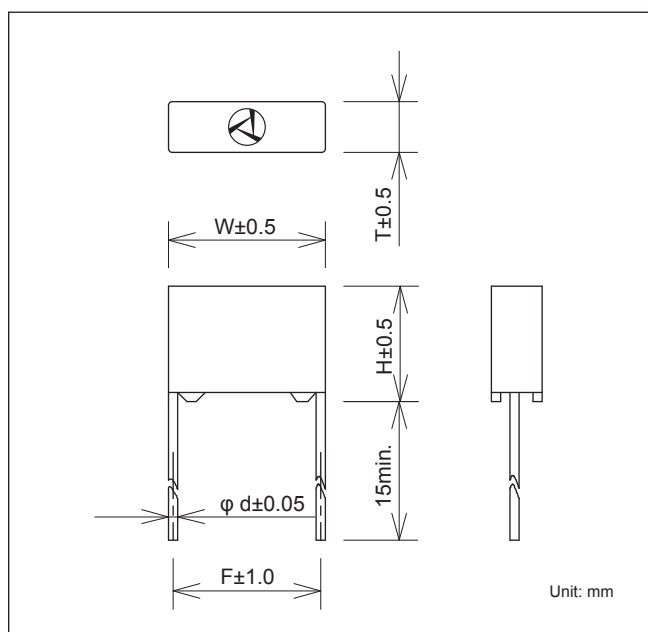


|      | Safety Standard  | File No. |
|------|------------------|----------|
| UL   | :UL60384-14      | E47474   |
| cUL  | :CSA E60384-14   | E47474   |
| CSA  | :CSA E60384-14   | LR37404  |
| ENEC | :IEC/EN 60384-14 | 40003928 |

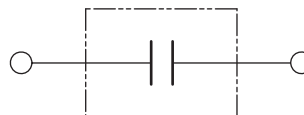
The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard. The mark with #10 stands for VDE.



### Dimensions



### Circuit



### Model numbering system



### Electrical Specifications

Rated Voltage **250Vac**

| Safety Standard                                                                                                                                                                                                                                                                                                                                                        | Class | Model Number | Capacitance<br>μF±20% | Dimensions |      |      |      |     | Dissipation Factor    | Test Voltage                                                                               | Insulation Resistance                                                              |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|-----------------------|------------|------|------|------|-----|-----------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                        |       |              |                       | W          | H    | T    | F    | d   |                       |                                                                                            |                                                                                    |  |  |  |  |  |
| <div><br/><br/><br/></div> | Y2    | YE102        | 0.001                 | 13.0       | 10.0 | 4.0  | 11.0 | 0.6 | 0.01max.<br>(at 1kHz) | Line to Line<br>2,000Vac<br>50/60Hz 60sec<br><br>Line to Case<br>2,000Vac<br>50/60Hz 60sec | Line to Line<br>30,000MΩmin<br><br>Line to Case<br>100,000MΩmin<br><br>(at 500Vdc) |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE152        | 0.0015                |            | 12.0 | 5.0  |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE222        | 0.0022                |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE332        | 0.0033                |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE472        | 0.0047                | 17.0       | 12.5 | 5.5  | 15.0 | 0.8 |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE682        | 0.0068                |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE103        | 0.01                  |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE153        | 0.015                 |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE223        | 0.022                 |            | 16.0 | 6.5  | 22.5 | 0.8 |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE333        | 0.033                 |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE473        | 0.047                 |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE683        | 0.068                 |            |      |      |      |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                        |       | YE104        | 0.1                   | 30.0       | 22.0 | 11.0 | 27.5 |     |                       |                                                                                            |                                                                                    |  |  |  |  |  |

Operating Temperature: -40~+100°C