



**Features**

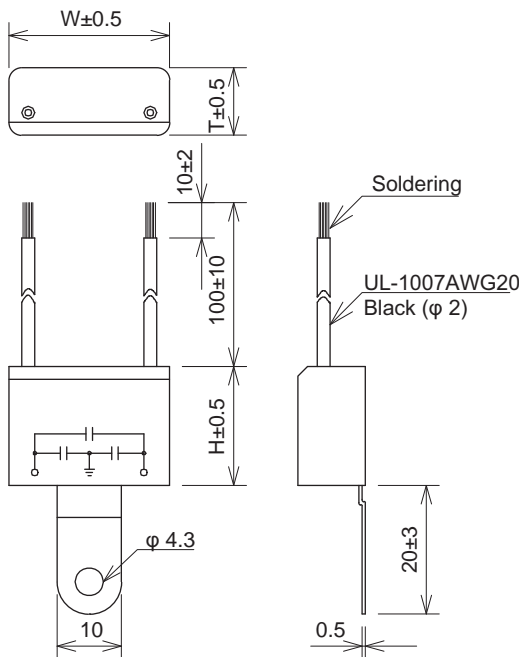
- Space saving PWB capacitor network has one X and two Y caps.
- Excellent common and normal mode capability in a wide capacitance selection.
- Flexible wire leads available with optional length.

**Applications**

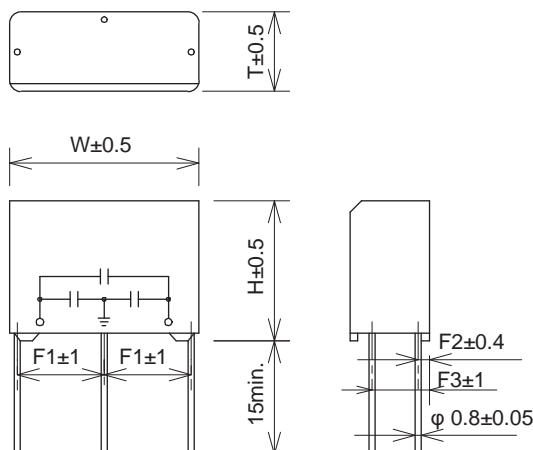
- Designed mainly for suppressing noise occurring in applications.

*Dimensions*

**XYE-BE series**



**XYE-AN series**

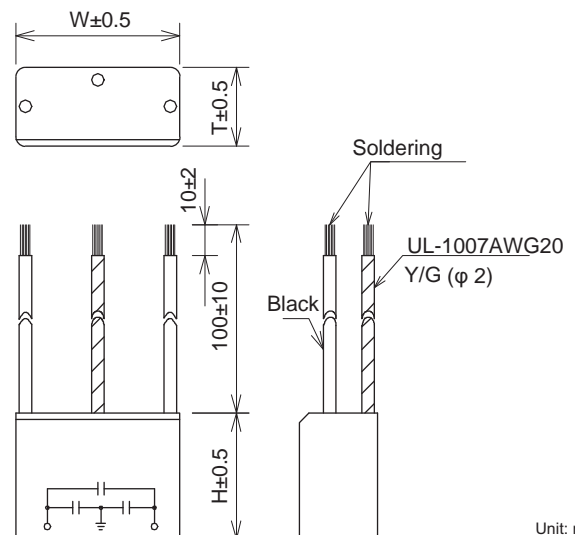


| Safety Standard |                 | File No.   |
|-----------------|-----------------|------------|
| UL              | :UL60384-14     | E47474     |
| cUL             | :CSA E60384-14  | E47474     |
| CSA             | :CSA E60384-14  | LR37404    |
| ENEC            | :IEC/EN60384-14 | SE/0142-15 |

The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard. The mark with #14 stands for SEMKO.



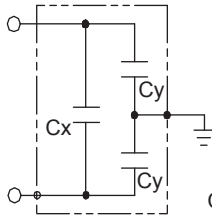
**XYE-BN series**



Unit: mm

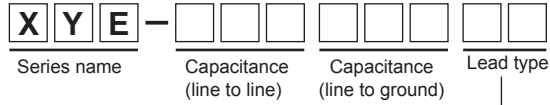


• **Circuit**



Cx: Line to Line (X capacitor)  
 Cy: Line to Ground (Y capacitor)

• **Model numbering system**



|           |                                |
|-----------|--------------------------------|
| <b>AN</b> | Bare wire                      |
| <b>BN</b> | Flex PVC wire                  |
| <b>BE</b> | Flex PVC wire & metal terminal |

**Electrical Specifications**

Rated Voltage **250Vac**

| Safety Standard | Class         | Model Number | Capacitance |            | Dimensions |      |      |      |      | Dissipation Factor | Test Voltage               | Insulation Resistance                        |                                                                          |     |
|-----------------|---------------|--------------|-------------|------------|------------|------|------|------|------|--------------------|----------------------------|----------------------------------------------|--------------------------------------------------------------------------|-----|
|                 |               |              | Cx(μF±20%)  | Cy(pF±20%) | W          | H    | T    | F1   | F2   |                    |                            |                                              | F3                                                                       |     |
| <br><br><br>    | X2<br>·<br>Y2 | XYE-473472AN | 0.047       | 4,700      | 25.0       | 18.5 | 10.5 | 11.5 | 1.5  | 6.1                | 0.01max<br>at 1k<br>±100Hz | Line to Line<br>1,250Vac<br>50/60Hz<br>60sec | Line to Line<br>Cx ≤0.33μF<br>15,000MΩmin.<br>Cx =0.47μF<br>5,000Ω·Fmin. |     |
|                 |               | XYE-104102AN |             | 1,000      |            | 20.0 | 12.0 |      |      |                    |                            |                                              |                                                                          | 7.1 |
|                 |               | XYE-104222AN |             | 2,200      |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-104332AN |             | 3,300      |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-104472AN | 4,700       | 0.22       | 22.5       | 14.5 | 8.6  |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224102AN | 1,000       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224222AN | 2,200       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224332AN | 3,300       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224472AN | 4,700       | 0.33       | 30.0       | 26.0 | 19.0 | 13.5 | 1.8  | 9.7                |                            |                                              |                                                                          |     |
|                 |               | XYE-334222AN | 2,200       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-334332AN | 3,300       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-334472AN | 4,700       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-474222AN | 2,200       | 0.47       | 31.0       | 27.5 | 18.5 |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-474332AN | 3,300       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-474472AN | 4,700       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-104102BN | 1,000       |            |            |      |      | 26.0 | 20.0 | 12.5               |                            | -                                            | -                                                                        | -   |
|                 |               | XYE-104222BN | 2,200       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-104332BN | 3,300       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-104472BN | 4,700       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224102BN | 1,000       | 0.22       | 23.0       | 15.0 | -    | -    | -    |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224222BN | 2,200       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224332BN | 3,300       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-224472BN | 4,700       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-334222BN | 2,200       | 0.33       | 31.0       | 27.5 | 18.5 |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-334332BN | 3,300       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-334472BN | 4,700       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-474222BN | 2,200       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-474332BN | 3,300       | 0.47       | 26.0       | 20.0 | 12.5 | -    | -    | -                  |                            |                                              |                                                                          |     |
|                 |               | XYE-474472BN | 4,700       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
|                 |               | XYE-104102BE | 1,000       |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-104222BE    | 2,200         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-104332BE    | 3,300         | 0.22         | 23.0        | 15.0       | -          | -    | -    |      |      |                    |                            |                                              |                                                                          |     |
| XYE-104472BE    | 4,700         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-224102BE    | 1,000         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-224222BE    | 2,200         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-224332BE    | 3,300         | 0.33         | 31.0        | 27.5       | 18.5       |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-224472BE    | 4,700         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-334222BE    | 2,200         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-334332BE    | 3,300         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-334472BE    | 4,700         | 0.47         | 31.0        | 27.5       | 18.5       |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-474222BE    | 2,200         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-474332BE    | 3,300         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |
| XYE-474472BE    | 4,700         |              |             |            |            |      |      |      |      |                    |                            |                                              |                                                                          |     |

Operating temperature: -40~85°C