



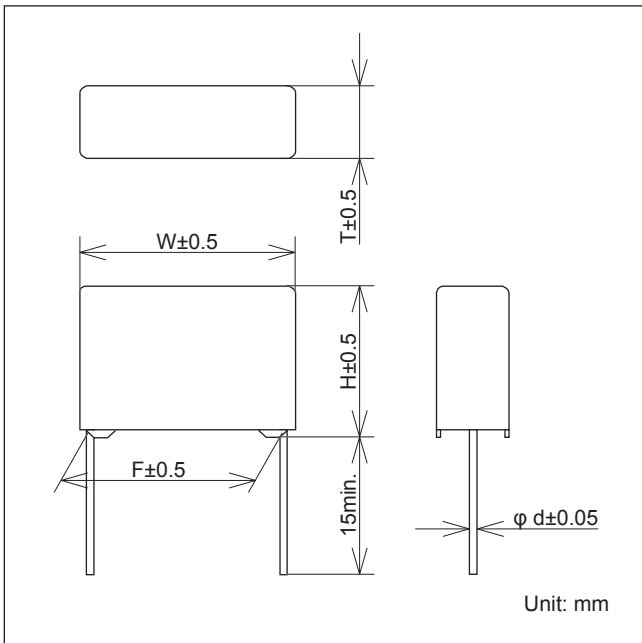
Features

- Rated voltage 310VAC (UL, cUL 250VAC).
- Class X2 series.
- Operating temperature up to 110°C.
- Smallest size of LE series.

Applications

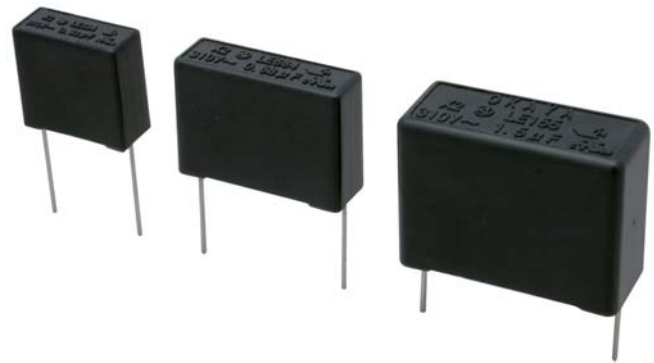
- Designed mainly for suppressing noise occurring in power line of electrical appliances.

Dimensions

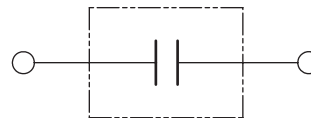


| Safety Standard | | File No. |
|-----------------|-------------------------|----------------|
| UL | :UL1414, UL1283 | E47474, E78644 |
| cUL | :C22.2 No.1, C22.2 No.8 | |
| SEMKO-ENEC | :IEC/EN 60384-14: 2005 | SE/0142-1 |

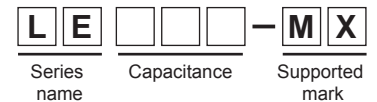
The "ENEC" mark is a common European product certification mark based on testing to harmonized European safety standard. The mark with #14 stands for SEMKO.



Circuit



Model numbering system



Electrical Specifications

Rated Voltage **310VAC (UL, cUL: 250VAC)**

| Safety Standard | Class | Model Number | Capacitance $\mu\text{F} \pm 10\%$ | Dimensions | | | | | Dissipation Factor | Test Voltage | Insulation Resistance | |
|-----------------|-------|--------------|------------------------------------|------------|------|------|------|-----|--|---|--|---|
| | | | | W | H | T | F | d | | | | |
| | X2 | LE104-MX | 0.1 | 17.0 | 11.0 | 5.0 | 15.0 | 0.6 | $C \leq 1 \mu\text{F}$ 0.003max. (f=10kHz) | Line to Line 1,000VAC 50/60Hz 60sec or 1,870VDC 60sec | Line to Line $C \leq 0.33 \mu\text{F}$ 15,000M Ω min. $C \geq 0.47 \mu\text{F}$ 5,000 $\Omega \cdot \text{F}$ min. Line to Case 100,000M Ω min. (at 100VDC) | |
| | | LE154-MX | 0.15 | | 12.0 | 6.0 | | | | | | |
| | | LE224-MX | 0.22 | | 14.0 | 6.5 | | | | | | |
| | | LE334-MX | 0.33 | 17.5 | 16.5 | 7.5 | 22.5 | | | | | $C \geq 1.5 \mu\text{F}$ 0.002max. (f=1kHz) |
| | | LE474-MX | 0.47 | | 7.0 | | | | | | | |
| | | LE684-MX | 0.68 | 25.5 | 18.0 | 8.5 | 27.5 | | | | | |
| | | LE105-MX | 1.0 | | 21.0 | 10.0 | | | | | | |
| | | LE155-MX | 1.5 | 30.5 | 22.5 | 13.0 | 0.8 | | | | | |
| LE225-MX | 2.2 | 25.5 | 15.5 | | | | | | | | | |

Operating Temperature: -55~+110°C