



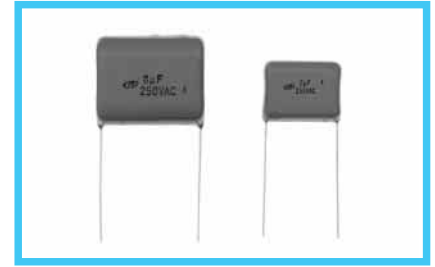
Metallized Polypropylene Film AC Power Capacitor

series

- Self-healing and non-inductive wound by metallized film, with flame-retardant epoxy resin coating for humidity resistance.
- Adapted to the RoHS directive (2002/95/EC).

## Application

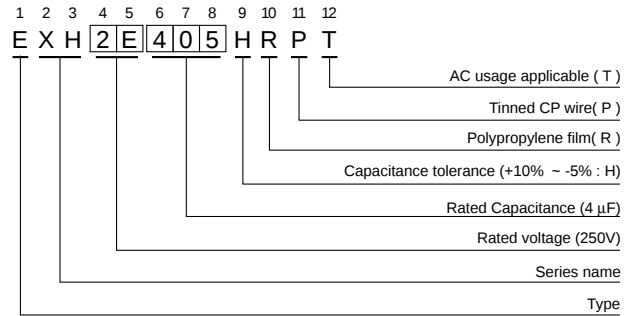
- Motor running



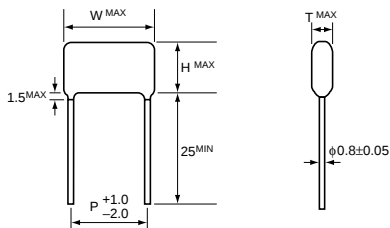
## Specifications

| Item                            | Performance Characteristics                                                                                           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Maximum permissible temperature | +85°C ( Z )                                                                                                           |
| Minimum ambient temperature     | - 25°C ( B )                                                                                                          |
| Rated Voltage Range             | 250VAC                                                                                                                |
| Rated Capacitance Range         | 0.5 ~ 12μF                                                                                                            |
| Capacitance Tolerance           | +10 ~ -5%                                                                                                             |
| Loss factor                     | 0.12% or less (at 20°C 50/60Hz 200VAC)                                                                                |
| Withstand Voltage               | Between Terminals : Rated Voltage × 175% 10 secs.<br>Between Terminals connected together and case : 2000VAC 60 secs. |
| Insulation Resistance           | Between Terminals connected together and case<br>: 1000MΩ or more (at 500VDC)                                         |
| Encapsulation                   | Flame retardant epoxy resin                                                                                           |
| Current duration class          | 40D (40,000h)                                                                                                         |
| Safety Mechanism                | Non-included                                                                                                          |

Type numbering system (Example : 250VAC 4μF)



## Drawing



Straight lead type

## Dimensions

Unit : mm

| Cap. (μF) | Code | V (Code)<br>Size | 250VAC (2E) |      |      |      |
|-----------|------|------------------|-------------|------|------|------|
|           |      |                  | T           | W    | H    | P    |
| 0.5       | 504  |                  | 6.0         | 26.0 | 16.0 | 22.5 |
| 1.0       | 105  |                  | 8.0         | 26.0 | 17.5 | 22.5 |
| 1.5       | 155  |                  | 9.5         | 26.0 | 19.0 | 22.5 |
| 2.0       | 205  |                  | 10.5        | 26.0 | 20.5 | 22.5 |
| 2.5       | 255  |                  | 12.0        | 26.0 | 22.0 | 22.5 |
| 3.0       | 305  |                  | 11.5        | 31.0 | 21.5 | 27.5 |
| 3.5       | 355  |                  | 12.5        | 31.0 | 22.0 | 27.5 |
| 4.0       | 405  |                  | 12.5        | 31.0 | 24.0 | 27.5 |
| 4.5       | 455  |                  | 13.5        | 31.0 | 25.0 | 27.5 |
| 5.0       | 505  |                  | 14.0        | 31.0 | 25.5 | 27.5 |
| 6.0       | 605  |                  | 14.0        | 36.0 | 25.5 | 32.5 |
| 7.0       | 705  |                  | 14.5        | 36.0 | 27.5 | 32.5 |
| 8.0       | 805  |                  | 15.5        | 36.0 | 28.5 | 32.5 |
| 9.0       | 905  |                  | 16.5        | 36.0 | 29.5 | 32.5 |
| 10.0      | 106  |                  | 17.5        | 36.0 | 30.5 | 32.5 |
| 12.0      | 126  |                  | 18.5        | 36.0 | 31.5 | 32.5 |