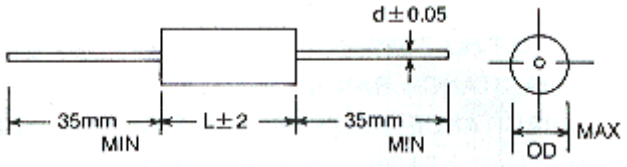
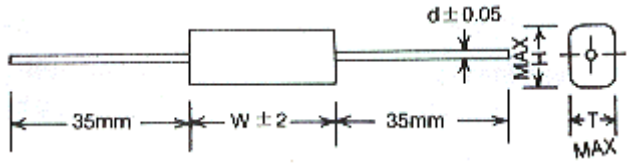
**MPT & MPA are constructed with metallized polypropylene film di-electric, copper lead, outer layer is wrapped by polyester film tape and sealed by epoxy resin in non-inductive type. They are ideal for use in communication equipments, timing circuit, integrating and filter networks.**

**MPT**




**MPA**




**Features:**

- **Low dissipation factor and excellent for high frequency application miniature size and light-weight.**
- **High reliability and excellent long-term stability.**
- **Flame retardant epoxy resin coating.**

**Specification:**

1. **Operating Temperature: -40°C ~ + 85°C**
2. **Capacitance Range: 0.01 µF ~ 4.7 µF**
3. **Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M).**
4. **Rated Voltage: 250VDC, 400VDC, 630VDC**
5. **Dissipation Factor: 0.1% MAX. at 1KHz, 25°C**
6. **Insulation Resistance: > 30,000 MΩ (C< 0.33µF)**
   **> 10,000 MΩ (C >= 0.33µF)**

**MPT** **Unit:mm**

| RV | 200VDC | | 400VDC | | 630VDC | |
|---|---|---|---|---|---|---|
| SIZE | OD | L | OD | L | OD | L |
| CAP(µF) | | | | | | |
| 0.01 | 5.0 | 15.0 | 5.5 | 15.0 | 6.5 | 15.0 |
| 0.015 | 5.0 | 15.0 | 6.0 | 15.0 | 7.0 | 15.0 |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 0.022 | 6.0 | 15.0 | 7.0 | 15.0 | 8.0 | 15.0 |
| 0.033 | 6.0 | 15.0 | 7.5 | 15.0 | 8.0 | 21.0 |
| 0.047 | 6.5 | 15.0 | 8.0 | 21.0 | 9.0 | 21.0 |
| 0.068 | 7.5 | 15.0 | 8.0 | 21.0 | 10.5 | 21.0 |
| 0.1 | 8.0 | 15.0 | 8.5 | 21.0 | 11.0 | 27.0 |
| 0.15 | 8.0 | 21.0 | 10.0 | 21.0 | 12.0 | 27.0 |
| 0.22 | 9.0 | 21.0 | 9.5 | 27.0 | 14.0 | 33.0 |
| 0.33 | 10.5 | 21.0 | 12.0 | 27.0 | 16.0 | 33.0 |
| 0.47 | 10.5 | 27.0 | 13.0 | 33.0 | 18.0 | 33.0 |
| 0.68 | 12.5 | 27.0 | 15.0 | 33.0 | 20.0 | 37.0 |
| 1.0 | 14.0 | 33.0 | 18.0 | 34.0 | 22.0 | 37.0 |
| 1.5 | 16.0 | 33.0 | 20.0 | 37.0 | | |
| 2.2 | 18.0 | 33.0 | 22.0 | 37.0 | | |
| 3.3 | 20.0 | 37.0 | 24.0 | 42.0 | | |
| 4.7 | 20.0 | 37.0 | 26.0 | 47.0 | | |

**MPA** **Unit:mm**

| RV | 250VDC | | | 400VDC | | | 630VDC | | |
|---|---|---|---|---|---|---|---|---|---|
| SIZE | W | H | T | W | H | T | W | H | T |
| CAP(μF) | | | | | | | | | |
| 0.1 | 15.0 | 10.0 | 6.0 | 21.0 | 12.0 | 7.0 | 27.0 | 13.0 | 8.0 |
| 0.15 | 21.0 | 11.0 | 6.0 | 21.0 | 13.0 | 7.0 | 27.0 | 15.0 | 9.0 |
| 0.22 | 21.0 | 11.0 | 7.0 | 27.0 | 14.0 | 8.0 | 33.0 | 19.0 | 10.0 |
| 0.33 | 21.0 | 13.0 | 8.0 | 27.0 | 16.0 | 10.0 | 33.0 | 20.0 | 12.0 |
| 0.47 | 27.0 | 14.0 | 8.0 | 33.0 | 20.0 | 12.0 | 33.0 | 22.0 | 14.0 |
| 0.68 | 27.0 | 16.0 | 10.0 | 33.0 | 22.0 | 13.0 | 37.0 | 24.0 | 15.0 |
| 1.0 | 33.0 | 18.0 | 11.0 | 33.0 | 21.0 | 13.5 | 37.0 | 25.0 | 16.0 |
| 1.5 | 33.0 | 20.0 | 12.5 | 37.0 | 24.0 | 16.0 | 42.0 | 29.0 | 20.0 |
| 2.2 | 33.0 | 22.0 | 14.0 | 42.0 | 25.0 | 16.0 | 47.0 | 34.0 | 24.0 |
| 3.3 | 37.0 | 24.0 | 15.0 | 47.0 | 34.0 | 23.0 | | | |
| 4.7 | 37.0 | 27.0 | 17.0 | | | | | | |