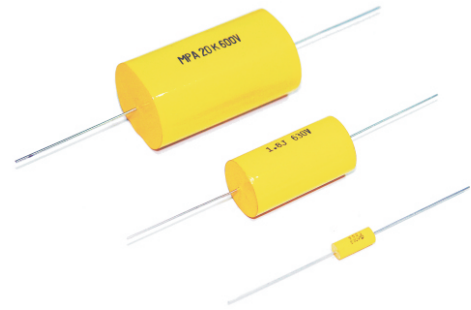


## P01M series/MPA type, MPF type

- Made of metallized polypropylene film
- Non-inductive
- High voltage/ frequency
- Stability and reliability
- For general audio and AC/DC application



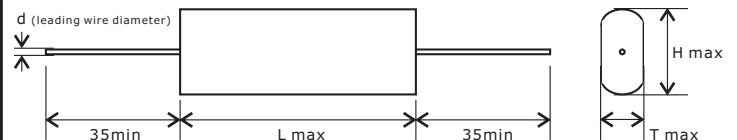
### Specifications

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Standard/ 適用標準                   | JIS C5110                                            |
| Capacitance range/ 電容量範圍         | 0.01 ~ 68μF                                          |
| Capacitance tolerance/ 容量誤差      | ±5% (J), ±10% (K)                                    |
| Rated voltage range/ 額定電壓範圍      | 100 ~ 1KVDC ( 70 ~ 600VAC )                          |
| Temperature range/ 溫度範圍          | -55 ~ +105°C                                         |
| Dielectric strength/ 介電強度        | 150%                                                 |
| Dissipation factor (Tanδ%) / 損失角 | 65×10 <sup>-5</sup> or 0.065% max, at 120Hz, 25°C    |
| Insulation resistance / 絕緣阻抗     | ≥9000MΩ when C <sub>N</sub> ≤0.33μF, 25°C, 100V, 60s |
| Insulation resistance/ 絕緣阻抗      | ≥3000MΩ when C <sub>N</sub> >0.33μF, 25°C, 100V, 60s |
| Leading/ 引線方式                    | CP wires for standard/ copper wires for optional     |

### Drawing MPA-type (round)



### MPF-type (flat)



### Dimension (Unit: mm)

#### Dimension of MPA as below table

( OD x L x d mm )

| Capacitance (μF) | 100V            | 250V            | 400V            | 630V            |
|------------------|-----------------|-----------------|-----------------|-----------------|
| 0.01             | 5 x 14 x 0.6    | 5 x 14 x 0.6    | 5 x 14 x 0.6    | 6 x 14 x 0.6    |
| 0.015            | 6 x 14 x 0.6    | 6 x 14 x 0.6    | 6 x 14 x 0.6    | 7 x 14 x 0.6    |
| 0.022            | 7 x 14 x 0.6    | 7 x 14 x 0.6    | 7 x 14 x 0.6    | 8 x 14 x 0.8    |
| 0.033            | 7 x 14 x 0.6    | 7 x 14 x 0.6    | 7 x 14 x 0.6    | 9 x 14 x 0.8    |
| 0.047            | 7 x 14 x 0.6    | 7 x 14 x 0.6    | 7 x 14 x 0.6    | 10.5 x 14 x 0.8 |
| 0.068            | 7.5 x 14 x 0.6  | 7.5 x 14 x 0.6  | 10.5 x 14 x 0.8 | 9.5 x 19 x 0.8  |
| 0.1              | 6 x 19 x 0.6    | 6 x 19 x 0.6    | 8 x 19 x 0.8    | 10 x 25 x 0.8   |
| 0.15             | 6.5 x 19 x 0.6  | 7 x 19 x 0.6    | 9 x 19 x 0.8    | 12 x 25 x 0.8   |
| 0.22             | 6.5 x 19 x 0.6  | 7.5 x 19 x 0.6  | 9.5 x 25 x 0.8  | 13 x 25 x 0.8   |
| 0.33             | 7 x 19 x 0.6    | 9 x 19 x 0.8    | 11 x 25 x 0.8   | 16 x 25 x 0.8   |
| 0.47             | 8.5 x 19 x 0.8  | 9 x 25 x 0.8    | 13 x 25 x 0.8   | 19 x 25 x 0.8   |
| 0.68             | 9.5 x 19 x 0.8  | 10 x 25 x 0.8   | 15 x 25 x 0.8   | 19 x 36 x 0.8   |
| 1                | 9.5 x 25 x 0.8  | 10.5 x 31 x 0.8 | 16 x 31 x 0.8   | 19.5 x 40 x 0.8 |
| 1.5              | 10.5 x 25 x 0.8 | 12.5 x 31 x 0.8 | 19 x 31 x 0.8   | 22 x 40 x 1.0   |
| 2.2              | 11.5 x 31 x 0.8 | 15 x 31 x 0.8   | 20 x 36 x 1.0   | 23 x 56 x 1.0   |
| 3.3              | 13 x 31 x 0.8   | 17 x 31 x 0.8   | 21 x 46 x 1.0   | 28 x 56 x 1.0   |
| 4.7              | 16 x 31 x 0.8   | 20 x 31 x 1.0   | 25 x 46 x 1.0   | 33.5 x 56 x 1.0 |
| 6.8              | 19.5 x 31 x 0.8 | 23 x 31 x 1.0   | 30 x 46 x 1.0   | 40 x 56 x 1.0   |

#### Dimension of MPF as below table

( T x H x L x d mm )

| Capacitance (μF) | 100V                   | 250V                   | 400V                  | 630V                   |
|------------------|------------------------|------------------------|-----------------------|------------------------|
| 0.1              | 5 x 8 x 14 x 0.6       | 5 x 8 x 14 x 0.6       | 7 x 10.5 x 19 x 0.6   | 6.5 x 13 x 25 x 0.6    |
| 0.15             | 6 x 8.5 x 14 x 0.6     | 6 x 9 x 14 x 0.6       | 7.5 x 11 x 19 x 0.6   | 8.5 x 15.5 x 25 x 0.8  |
| 0.22             | 6.5 x 9.5 x 14 x 0.6   | 6 x 9 x 19 x 0.6       | 6.5 x 12.5 x 25 x 0.6 | 10 x 17 x 25 x 0.8     |
| 0.33             | 8.5 x 13 x 14 x 0.8    | 8.5 x 13 x 19 x 0.8    | 8.5 x 14 x 25 x 0.8   | 12.5 x 19 x 25 x 0.8   |
| 0.47             | 6 x 9.5 x 19 x 0.6     | 6.5 x 10.5 x 25 x 0.6  | 10 x 16.5 x 25 x 0.8  | 15 x 21 x 25 x 0.8     |
| 0.68             | 8 x 12 x 19 x 0.8      | 8 x 12 x 25 x 0.8      | 9.5 x 16 x 31 x 0.8   | 15 x 23 x 36 x 0.8     |
| 1                | 7 x 11.5 x 25 x 0.6    | 8.5 x 12.5 x 31 x 0.8  | 13 x 18 x 31 x 0.8    | 17 x 23 x 40 x 0.8     |
| 1.5              | 9 x 13.5 x 25 x 0.8    | 9.5 x 16 x 31 x 0.8    | 14.5 x 21 x 31 x 0.8  | 17.5 x 25.5 x 56 x 0.8 |
| 2.2              | 9.5 x 13 x 31 x 0.8    | 11 x 17.5 x 31 x 0.8   | 14.5 x 21 x 46 x 0.8  | 19.5 x 27.5 x 56 x 0.8 |
| 3.3              | 10.5 x 17 x 31 x 0.8   | 13.5 x 19.5 x 31 x 0.8 | 18 x 25 x 46 x 0.8    | 25 x 33 x 56 x 1.0     |
| 4.7              | 13 x 19 x 31 x 0.8     | 16.5 x 22.5 x 31 x 0.8 | 22 x 29 x 46 x 1.0    | 29.5 x 37 x 56 x 1.0   |
| 5.6              | 14.5 x 20.5 x 31 x 0.8 | 16 x 23 x 36 x 0.8     | 24 x 32 x 46 x 1.0    | 33 x 40.5 x 56 x 1.0   |
| 6.8              | 12 x 18 x 46 x 0.8     | 15.5 x 22 x 46 x 0.8   | 26 x 34 x 46 x 1.0    | 36 x 44 x 56 x 1.0     |
| 8.2              | 13 x 19 x 46 x 0.8     | 16.5 x 23.5 x 46 x 0.8 | 29 x 37 x 46 x 1.0    | 40 x 48 x 56 x 1.0     |
| 10               | 15 x 21 x 46 x 0.8     | 18.5 x 25 x 46 x 0.8   | 19 x 37 x 56 x 1.0    | 40 x 48 x 65 x 1.0     |

Please contact with us for complete specification and special design for customized 請與我們聯繫取的更多完整規格與客製品