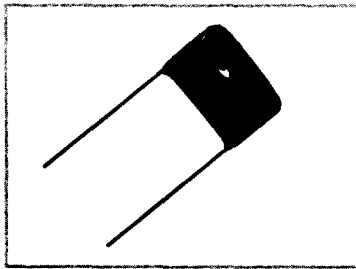


PLASTIC FILM CAPACITORS

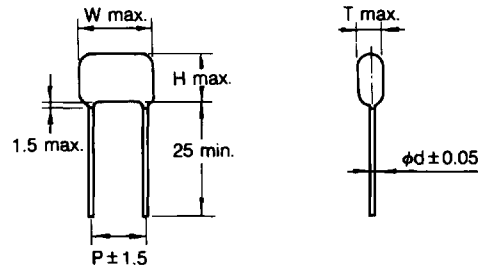
MM Metallized Polyester & Metallized Polypropylene Film Series

- Non-inductive construction
- Flame retardant epoxy resin coating
- Excellent temperature characteristics
- Low dissipation factor
- Applications : Time constant circuits

| Item | Characteristics | | |
|-----------------------------|---|---------------------|----------------------|
| Operating temperature range | -40 ~ +85°C | | |
| Capacitance tolerance | ±5% (J), ±10% (K) at 1kHz, 20°C | | |
| Dissipation factor | 0.006 max. at 1kHz, 20°C | | |
| Insulation resistance | C ≤ 0.33μF: 9000M Ω min., C > 0.33μF: 3000 Ω F min. | | |
| Withstand voltage | Test voltage | Rated voltage × 1.5 | Rated voltage × 1.75 |
| | Terminal to terminal | 60 ~ 65 s | 1 ~ 5 s |
| | Terminal to coating | 1 ~ 5 s | — |



● DRAWING



● DIMENSIONS

Unit : mm

| WV μF Code | 100VDC (2A) | | | | | 250VDC (2E) | | | | | 400VDC (2G) | | | | | 630VDC (2J) | | | | |
|---------------|-------------|------|------|------|-----|-------------|------|------|------|-----|-------------|------|------|------|-----|-------------|------|------|------|-----|
| | T | W | H | P | φd | T | W | H | P | φd | T | W | H | P | φd | T | W | H | P | φd |
| 0.01 | | | | | | | | | | | | | | | | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 |
| 0.012 | | | | | | | | | | | | | | | | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 |
| 0.015 | | | | | | | | | | | | | | | | 5.5 | 12.5 | 9.8 | 10.0 | 0.6 |
| 0.018 | | | | | | | | | | | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 | 5.5 | 15.0 | 9.8 | 12.5 | 0.6 |
| 0.022 | | | | | | | | | | | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 | 6.0 | 15.0 | 10.5 | 12.5 | 0.6 |
| 0.027 | | | | | | | | | | | 5.5 | 12.5 | 10.0 | 10.0 | 0.6 | 6.5 | 15.0 | 11.3 | 12.5 | 0.6 |
| 0.033 | | | | | | 5.5 | 12.5 | 9.0 | 10.0 | 0.6 | 6.0 | 15.0 | 10.0 | 12.5 | 0.6 | 7.0 | 15.0 | 11.5 | 12.5 | 0.6 |
| 0.039 | | | | | | 5.5 | 12.5 | 9.0 | 10.0 | 0.6 | 6.0 | 15.0 | 11.0 | 12.5 | 0.6 | 6.0 | 20.0 | 11.0 | 17.5 | 0.6 |
| 0.047 | | | | | | 5.5 | 12.5 | 9.0 | 10.0 | 0.6 | 6.0 | 15.0 | 11.5 | 12.5 | 0.6 | 6.5 | 20.0 | 11.5 | 17.5 | 0.6 |
| 0.056 | | | | | | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 | 6.5 | 15.0 | 12.0 | 12.5 | 0.6 | 7.0 | 20.0 | 11.8 | 17.5 | 0.8 |
| 0.068 | | | | | | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 | 5.5 | 20.0 | 11.0 | 17.5 | 0.6 | 7.5 | 20.0 | 12.5 | 17.5 | 0.8 |
| 0.082 | | | | | | 5.5 | 12.5 | 10.0 | 10.0 | 0.6 | 6.0 | 20.0 | 11.5 | 17.5 | 0.6 | 8.0 | 20.0 | 13.5 | 17.5 | 0.8 |
| 0.1 | 5.5 | 12.5 | 9.0 | 10.0 | 0.6 | 5.5 | 15.0 | 10.5 | 12.5 | 0.6 | 6.5 | 20.0 | 12.0 | 17.5 | 0.8 | 9.0 | 20.0 | 14.5 | 17.5 | 0.8 |
| 0.12 | 5.5 | 12.5 | 9.5 | 10.0 | 0.6 | 5.5 | 15.0 | 11.0 | 12.5 | 0.6 | 7.0 | 20.0 | 12.5 | 17.5 | 0.8 | 8.5 | 25.0 | 14.0 | 22.5 | 0.8 |
| 0.15 | 5.5 | 15.0 | 9.5 | 12.5 | 0.6 | 6.0 | 15.0 | 11.5 | 12.5 | 0.6 | 8.0 | 20.0 | 13.5 | 17.5 | 0.8 | 8.8 | 25.0 | 15.5 | 22.5 | 0.8 |
| 0.18 | 6.0 | 15.0 | 10.0 | 12.5 | 0.6 | 5.5 | 20.0 | 11.0 | 17.5 | 0.6 | 8.5 | 20.0 | 14.0 | 17.5 | 0.8 | 9.5 | 25.0 | 16.5 | 22.5 | 0.8 |
| 0.22 | 6.0 | 15.0 | 11.0 | 12.5 | 0.6 | 5.5 | 20.0 | 11.5 | 17.5 | 0.6 | 9.5 | 20.0 | 15.0 | 17.5 | 0.8 | 10.5 | 25.0 | 17.5 | 22.5 | 0.8 |
| 0.27 | 6.5 | 15.0 | 11.5 | 12.5 | 0.6 | 6.0 | 20.0 | 12.0 | 17.5 | 0.6 | 10.0 | 20.0 | 17.0 | 17.5 | 0.8 | 11.5 | 25.0 | 18.5 | 22.5 | 0.8 |
| 0.33 | 6.0 | 20.0 | 10.5 | 17.5 | 0.6 | 6.5 | 20.0 | 12.5 | 17.5 | 0.8 | 9.5 | 25.0 | 16.5 | 22.5 | 0.8 | 11.0 | 30.0 | 18.0 | 27.5 | 0.8 |
| 0.39 | 6.5 | 20.0 | 11.0 | 17.5 | 0.6 | 7.0 | 20.0 | 13.0 | 17.5 | 0.8 | 10.5 | 25.0 | 17.5 | 22.5 | 0.8 | 12.0 | 30.0 | 19.0 | 27.5 | 0.8 |
| 0.47 | 7.0 | 20.0 | 11.5 | 17.5 | 0.6 | 8.0 | 20.0 | 14.0 | 17.5 | 0.8 | 11.5 | 25.0 | 18.5 | 22.5 | 0.8 | 12.5 | 30.0 | 21.0 | 27.5 | 0.8 |
| 0.56 | 7.0 | 20.0 | 12.5 | 17.5 | 0.8 | 8.0 | 20.0 | 15.0 | 17.5 | 0.8 | 12.5 | 25.0 | 19.5 | 22.5 | 0.8 | 13.5 | 30.0 | 22.5 | 27.5 | 0.8 |
| 0.68 | 7.5 | 20.0 | 14.0 | 17.5 | 0.8 | 7.5 | 25.0 | 14.5 | 22.5 | 0.8 | 12.0 | 30.0 | 19.0 | 27.5 | 0.8 | | | | | |
| 0.82 | 8.0 | 20.0 | 15.0 | 17.5 | 0.8 | 8.5 | 25.0 | 15.5 | 22.5 | 0.8 | 12.5 | 30.0 | 21.5 | 27.5 | 0.8 | | | | | |
| 1.0 | 9.0 | 20.0 | 15.5 | 17.5 | 0.8 | 10.0 | 25.0 | 16.5 | 22.5 | 0.8 | 14.0 | 30.0 | 23.0 | 27.5 | 0.8 | | | | | |
| 1.2 | 9.5 | 20.0 | 16.5 | 17.5 | 0.8 | 10.5 | 25.0 | 17.5 | 22.5 | 0.8 | | | | | | | | | | |
| 1.5 | 9.0 | 25.0 | 16.0 | 22.5 | 0.8 | 11.5 | 25.0 | 18.5 | 22.5 | 0.8 | | | | | | | | | | |
| 1.8 | 10.0 | 25.0 | 17.0 | 22.5 | 0.8 | 11.0 | 30.0 | 18.0 | 27.5 | 0.8 | | | | | | | | | | |
| 2.2 | 11.0 | 25.0 | 18.0 | 22.5 | 0.8 | 12.0 | 30.0 | 19.5 | 27.5 | 0.8 | | | | | | | | | | |
| 2.7 | 12.0 | 25.0 | 19.5 | 22.5 | 0.8 | 12.5 | 30.0 | 22.0 | 27.5 | 0.8 | | | | | | | | | | |
| 3.3 | 12.5 | 25.0 | 21.5 | 22.5 | 0.8 | | | | | | | | | | | | | | | |

□ Applicable to taping of lead center spacing = 7.5 mm