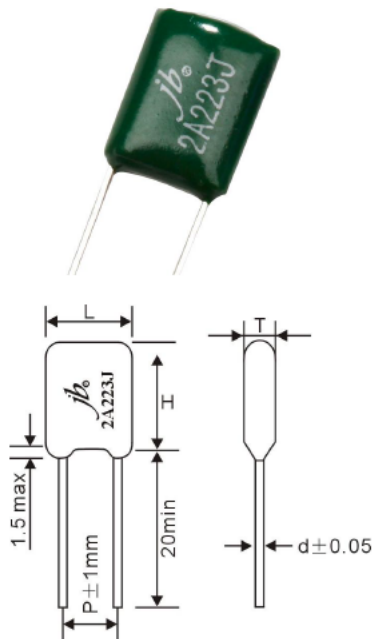


# Mylar Polyester Film Capacitor – JFA



## FEATURES

- Inductive welded construction epoxy dip coated.
- Good reputation in use with consumer & industrial electronics.
- Optimum for automatic insertion due to their small size and light weight.
- Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.

## SPECIFICATIONS

|                       |                                       |
|-----------------------|---------------------------------------|
| Operating Temperature | -40°C ~ +85°C                         |
| Rated Voltage         | 100V, 250V, 400V, 630V, 1000V.DC      |
| Capacitance Range     | 0.001 ~ 0.47μF                        |
| Capacitance Tolerance | ±5%, ±10%, ±20%                       |
| Insulation Resistance | 0.1μF ≤ 30,000MΩ min, >0.1μF >15000MΩ |
| Dissipation Factor    | ≤0.1 (at 1KHz)                        |
| Dielectric Strength   | 200% of rated voltage for 5 sec.      |

## STANDARD SIZE (mm)

| VDC<br>Mfd | 100V |      |      |     | 250V |      |     |     | 400V |      |     |     | 630V |      |     |     |
|------------|------|------|------|-----|------|------|-----|-----|------|------|-----|-----|------|------|-----|-----|
|            | L    | H    | T    | P±1 | L    | H    | T   | P±1 | L    | H    | T   | P±1 | L    | H    | T   | P±1 |
| 0.00047    | 7.0  | 12.0 | 4.0  | 4.0 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.00027    | 7.5  | 11.0 | 4.5  | 4.0 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.00068    | 6.5  | 11.0 | 4.5  | 4.0 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.001      | 6.0  | 10.5 | 3.5  | 3.5 | 6.0  | 10.5 | 3.5 | 3.5 | 6.0  | 10.5 | 3.5 | 3.5 | 6.0  | 12.5 | 3.5 | 3.5 |
| 0.0012     | 6.0  | 10.5 | 3.5  | 3.5 | 6.0  | 10.5 | 3.5 | 3.5 | 6.0  | 10.5 | 3.5 | 3.5 | 6.0  | 12.5 | 3.5 | 3.5 |
| 0.0015     | 6.0  | 10.5 | 3.5  | 3.5 | 6.0  | 10.5 | 3.5 | 3.5 | 6.0  | 10.5 | 3.5 | 3.5 | 6.5  | 12.5 | 3.5 | 4.0 |
| 0.0018     | 6.0  | 10.5 | 3.5  | 3.5 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 12.5 | 3.5 | 4.0 |
| 0.0022     | 6.0  | 10.5 | 3.5  | 3.5 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 7.0  | 12.5 | 4.0 | 4.0 |
| 0.0027     | 6.0  | 10.5 | 3.5  | 3.5 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 7.0  | 12.5 | 4.0 | 4.0 |
| 0.0033     | 6.0  | 10.5 | 3.5  | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 7.0  | 13.0 | 4.0 | 4.0 |
| 0.0039     | 6.0  | 10.5 | 3.5  | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 8.0  | 13.0 | 4.5 | 4.5 |
| 0.0047     | 6.5  | 10.5 | 3.5  | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 8.0  | 13.0 | 4.5 | 4.5 |
| 0.0056     | 6.5  | 10.5 | 4.0  | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 8.5  | 13.0 | 5.0 | 4.5 |
| 0.0068     | 7.0  | 10.5 | 4.0  | 4.0 | 7.0  | 10.5 | 4.0 | 4.0 | 7.0  | 10.5 | 4.0 | 4.0 | 9.0  | 13.0 | 5.0 | 6.0 |
| 0.0082     | 7.0  | 10.5 | 4.0  | 4.0 | 7.0  | 10.5 | 4.0 | 4.0 | 7.0  | 10.5 | 4.0 | 4.0 | 9.0  | 13.5 | 6.0 | 6.0 |
| 0.01       | 6.5  | 10.5 | 4.0  | 4.0 | 6.5  | 10.5 | 4.0 | 4.0 | 7.5  | 12.5 | 4.0 | 4.5 | 9.0  | 13.5 | 6.0 | 6.0 |
| 0.012      | 7.0  | 10.5 | 4.0  | 4.0 | 7.0  | 10.5 | 4.0 | 4.0 | 7.5  | 12.5 | 4.5 | 5.0 | 8.5  | 13.5 | 5.5 | 6.0 |
| 0.015      | 7.5  | 10.5 | 4.5  | 5.0 | 7.5  | 10.5 | 4.5 | 5.0 | 8.0  | 13.0 | 5.5 | 6.0 | 9.5  | 13.5 | 5.5 | 6.0 |
| 0.018      | 7.5  | 10.5 | 4.5  | 5.0 | 7.5  | 10.5 | 4.5 | 5.0 | 8.5  | 13.0 | 5.5 | 6.0 | 9.5  | 13.5 | 5.5 | 6.0 |
| 0.022      | 8.0  | 11.0 | 5.0  | 5.0 | 8.0  | 11.0 | 5.0 | 5.0 | 9.5  | 13.5 | 5.5 | 7.0 | 11.0 | 13.5 | 6.5 | 7.0 |
| 0.027      | 8.5  | 11.0 | 5.5  | 5.0 | 8.5  | 11.0 | 4.5 | 5.0 | 10.5 | 13.5 | 6.0 | 7.0 | 11.0 | 14.0 | 7.5 | 7.5 |
| 0.033      | 8.0  | 12.5 | 4.5  | 5.0 | 8.0  | 12.5 | 4.5 | 5.0 | 10.5 | 13.5 | 6.0 | 7.0 | 11.0 | 14.0 | 7.5 | 7.5 |
| 0.039      | 8.5  | 13.0 | 5.0  | 5.0 | 8.5  | 13.0 | 5.0 | 5.0 | 9.5  | 13.5 | 6.0 | 7.0 | 12.5 | 13.5 | 8.0 | 8.0 |
| 0.040      | 8.5  | 13.0 | 5.0  | 5.0 | 8.5  | 13.0 | 5.0 | 5.0 | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.047      | 8.5  | 13.0 | 5.0  | 5.0 | 8.5  | 13.0 | 5.0 | 5.0 | 11.5 | 14.5 | 7.0 | 7.5 | 13.5 | 14.0 | 8.5 | 8.0 |
| 0.056      | 9.0  | 13.5 | 5.5  | 6.0 | 9.0  | 13.5 | 5.5 | 6.0 | 12.0 | 14.0 | 8.0 | 8.0 | --   | --   | --  | --  |
| 0.068      | 9.5  | 13.0 | 6.0  | 6.5 | 9.5  | 13.0 | 6.0 | 6.5 | 13.5 | 16.0 | 9.0 | 8.0 | --   | --   | --  | --  |
| 0.082      | 10.0 | 13.5 | 6.0  | 6.5 | 10.0 | 13.5 | 6.0 | 6.5 | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.1        | 10.5 | 13.5 | 6.0  | 7.0 | 11.0 | 13.5 | 6.0 | 7.0 | 13.5 | 17.0 | 9.0 | 8.0 | --   | --   | --  | --  |
| 0.12       | 10.5 | 13.5 | 6.0  | 7.0 | 11.5 | 14.0 | 7.0 | 7.0 | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.15       | 11.0 | 13.5 | 6.5  | 7.5 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.18       | 11.5 | 14.0 | 7.5  | 7.5 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.22       | 12.0 | 14.0 | 8.0  | 7.5 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.27       | 13.0 | 15.5 | 8.5  | 7.5 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.33       | 13.0 | 16.5 | 9.0  | 8.0 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.39       | 13.5 | 16.5 | 9.0  | 8.0 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |
| 0.47       | 15.5 | 16.5 | 10.0 | 8.5 | --   | --   | --  | --  | --   | --   | --  | --  | --   | --   | --  | --  |