

METALLIZED POLYESTER FILM CAPACITOR

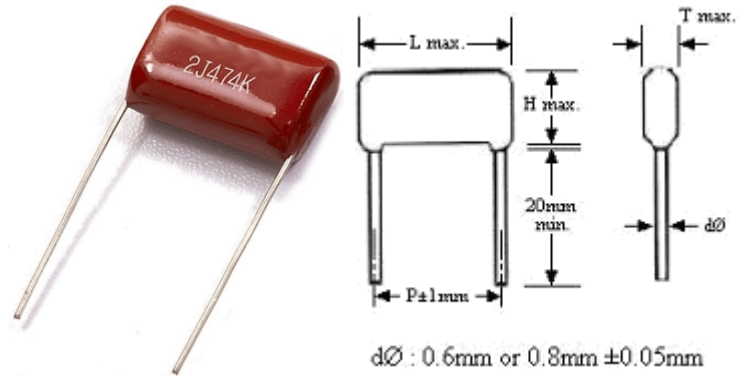
NON-INDUCTIVE, EXTENDED FOIL, DIP COATED, HIGH MOISTURE RESISTANCE

FEATURES

- High reliable with its Self-Healing performance.
- Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.
- Good reputation in use with filtering, DC blocking coupling and general communication equipment,

SPECIFICATIONS

| | |
|-----------------------|--|
| OPERATING TEMPERATURE | -40°C TO + 85°C |
| RATED VOLTAGE | DC 100V, 250V, 400V, 630V |
| CAPACITANCE RANGE | 0.01 TO 6.8μF |
| CAPACITANCE TOLERANCE | ±5%, ±10%, ±20% |
| INSULATION RESISTANCE | C < 0.33μF R ≥ 15,000MΩ C ≥ 0.33μF RC ≥ 5.000MΩ Mfd |
| DISSIPATION FACTOR | ≤ 0.01 (AT 1KHZ) |
| DIELECTRIC STRENGTH | 150% of rated voltage for 5sec. |



| VDC Mfd | 100V | | | | 250V | | | | 400V | | | | 630V | | | |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | L | T | H | P | L | T | H | P | L | T | H | P | L | T | H | P |
| 0.01 | 12 | 4 | 7 | 10 | 12 | 4 | 7 | 10 | 12 | 4.5 | 7.5 | 10 | 12 | 4 | 7 | 10 |
| 0.015 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 |
| 0.018 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 |
| 0.022 | 12 | 5 | 8 | 10 | 12 | 5.5 | 9 | 10 | 12 | 5.5 | 9 | 10 | 12 | 5.5 | 9 | 10 |
| 0.027 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 |
| 0.033 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12 | 5.5 | 9.8 | 10 | 12.5 | 5.5 | 9 | 10 |
| 0.039 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12.5 | 6 | 9 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.047 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6 | 10 | 10 | 12.5 | 5.5 | 11 | 10 |
| 0.056 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6 | 10 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.068 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 10 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.082 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 10 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.1 | 12.5 | 5 | 9.5 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 11 | 10 | 17.5 | 6 | 11 | 15 |
| 0.15 | 12.5 | 5 | 9.5 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 12 | 10 | 17.5 | 8 | 13 | 15 |
| 0.18 | 12.5 | 6 | 10 | 10 | 12.5 | 6 | 10.5 | 10 | 17 | 5 | 10 | 15 | 17.5 | 8 | 13 | 15.5 |
| 0.22 | 12.5 | 6 | 10 | 10 | 12.5 | 6 | 10.5 | 10 | 17 | 6 | 12.5 | 15 | 23 | 8.5 | 14.5 | 20.5 |
| 0.27 | 17 | 6 | 9 | 15 | 17 | 6 | 10.5 | 15 | 17 | 6.5 | 11.5 | 15 | 23 | 8.5 | 14.5 | 20.5 |
| 0.33 | 17.5 | 6 | 11 | 15 | 17 | 6 | 11 | 15 | 17.5 | 7 | 13.5 | 15 | 23 | 8.5 | 14.5 | 20.5 |
| 0.39 | 17.5 | 7 | 11 | 15 | 17.5 | 7 | 13 | 15.5 | 18 | 7 | 14 | 15 | 23 | 10.5 | 15 | 20.5 |
| 0.47 | 17.5 | 5 | 10.5 | 15 | 18 | 7 | 13.5 | 15 | 18 | 8 | 14 | 15 | 23 | 10.5 | 15 | 20.5 |
| 0.5 | 17.5 | 5 | 10.5 | 15 | 17 | 7 | 13.5 | 15 | 18 | 8 | 15 | 15 | 23 | 10.5 | 15.5 | 20 |
| 0.56 | 17.5 | 5 | 10.5 | 15 | 17 | 7 | 13.5 | 15 | 18 | 9 | 16 | 15 | 23 | 10.5 | 15.5 | 20.5 |
| 0.68 | 17 | 7 | 13.5 | 15 | 18 | 7 | 13.5 | 15 | 23 | 8 | 14 | 20.5 | 23 | 11 | 18 | 20.5 |
| 0.82 | 18 | 7.5 | 13.5 | 15 | 18 | 7 | 13.5 | 15 | 23.5 | 8.5 | 16 | 20.5 | 29.5 | 9 | 20 | 26.5 |
| 1 | 18 | 7.5 | 14 | 15 | 23 | 7 | 13.5 | 20 | 23.5 | 9 | 19 | 20.5 | 29.5 | 11 | 21 | 26.5 |
| 1.1 | 18 | 7.5 | 14.5 | 15 | 23 | 7.5 | 13.5 | 20 | 23.5 | 9.5 | 19.5 | 20.5 | 29.5 | 10 | 20.5 | 26.5 |
| 1.2 | 23 | 7.5 | 14.5 | 20 | 23 | 8 | 16 | 20 | 23.5 | 9.5 | 19.5 | 20.5 | 29.5 | 10.5 | 20.5 | 26.5 |
| 1.5 | 23 | 7.5 | 16 | 20 | 23 | 8 | 16.5 | 20.5 | 24 | 10 | 22 | 20.5 | 29.5 | 13 | 23 | 26.5 |
| 1.8 | 23 | 8.5 | 16.5 | 20 | 23 | 8.5 | 16.5 | 20.5 | 24 | 12 | 20.5 | 20.5 | 29.5 | 14 | 24.5 | 26.5 |
| 2.2 | 23 | 9.5 | 17 | 20 | 30 | 8.5 | 17.5 | 27 | 30 | 12.5 | 21 | 26 | 30 | 16 | 26 | 26.5 |
| 2.5 | 23.5 | 10 | 18.5 | 20 | 30 | 8.5 | 19 | 27 | 30 | 12.5 | 21 | 26 | 35 | 17 | 25 | 30 |
| 2.7 | 23.5 | 11 | 20.5 | 20 | 30 | 9 | 19 | 27.5 | 30 | 14 | 21 | 27 | 35 | 17 | 27 | 31.5 |
| 3.3 | 23.5 | 11 | 20.5 | 20 | 30 | 9.5 | 20.5 | 27.5 | 30 | 12.5 | 27 | 27 | 35 | 19 | 33 | 31.5 |
| 4.5 | 30.5 | 12.5 | 23.5 | 27.5 | 30 | 11.5 | 23 | 27.5 | 30.5 | 15.5 | 26.5 | 27.5 | 35 | 22.5 | 33 | 31.5 |
| 4.7 | 30.5 | 12.5 | 23.5 | 27.5 | 30.5 | 13 | 24 | 27.5 | 34 | 16 | 24.5 | 31 | 45 | 17.5 | 27.5 | 41 |
| 5.2 | 34 | 12.5 | 24 | 31.5 | 30.5 | 13 | 24 | 27.5 | 34.5 | 17.5 | 25 | 31 | 45 | 20.5 | 29.5 | 41 |
| 5.6 | 29.5 | 14 | 26.5 | 27.5 | 31 | 13 | 24 | 27.5 | 35 | 20 | 28 | 31 | 45 | 22 | 32 | 41 |
| 6.8 | 29.5 | 14 | 26.5 | 27.5 | 30.5 | 16 | 26.5 | 27.5 | 35 | 20 | 28 | 31 | 45 | 22 | 32 | 41 |

Note: Specification are subject to change without notice.