

B09 Polypropylene Film Capacitor

ROHS

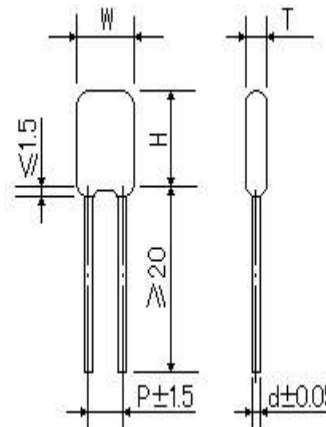
FEATURES

- Polypropylene film, non-inductive, epoxy resin coating.
- Excellent frequency and temperature property
- Very low dissipation factor



RATING AND CHARACTERISTIC

- Climatic category : 40 / 085 / 21
- Rated temperature : + 85
- Capacitance tolerances : ±5% ; ±10%
- Rated voltage dc 100v, 250v, 400v, 630v
- Capacitance range 0.00047 to 0.18mfd
- Voltage : 2.0UR (1s)
- Insulation resistance : CR ≤ 0.1μF : ≥ 30000MΩ
CR > 0.1μF : ≥ 3000MΩ·μF
- Dissipation : CR ≤ 1000pF : ≤ 0.001
1000pF < CR ≤ 0.1μF : ≤ 0.0005
CR > 0.1μF : ≤ 0.001



| VDC/Mfd | 100V | | | | 250V | | | | 400V | | | | 630V | | | |
|----------------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|
| | L | T | H | P | L | T | H | P | L | T | H | P | L | T | H | P |
| 0.00047-0.0012 | 7.0 | 13.5 | 5.0 | 4.0 | 7.0 | 13.5 | 5.0 | 4.0 | 7.0 | 13.5 | 5.0 | 4.0 | 7.0 | 13.5 | 5.0 | 4.0 |
| 0.0015 | 7.0 | 13.5 | 5.0 | 4.0 | 7.0 | 13.5 | 5.0 | 4.0 | 7.0 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 |
| 0.0018 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 |
| 0.002 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 |
| 0.0022 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 |
| 0.0027 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 |
| 0.003 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 8.0 | 13.5 | 5.5 | 4.5 |
| 0.0033 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 8.0 | 13.5 | 5.5 | 4.5 |
| 0.0039 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 8.5 | 13.5 | 5.5 | 4.5 |
| 0.0047 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 8.5 | 14.0 | 5.5 | 5.0 |
| 0.0056 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 8.0 | 13.5 | 5.5 | 4.0 | 9.0 | 14.0 | 6.0 | 5.5 |
| 0.0068 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 9.0 | 13.5 | 6.0 | 5.5 | 9.0 | 14.0 | 6.5 | 6.0 |
| 0.0082 | 7.5 | 13.5 | 5.0 | 4.0 | 7.5 | 13.5 | 5.0 | 4.0 | 9.5 | 13.5 | 6.0 | 5.5 | 9.5 | 14.0 | 6.5 | 6.0 |
| 0.01 | 7.5 | 13.5 | 5.0 | 4.5 | 7.5 | 13.5 | 5.0 | 4.0 | 9.0 | 13.5 | 5.5 | 6.0 | 10.0 | 14.0 | 6.0 | 6.0 |
| 0.012 | 8.0 | 13.5 | 5.0 | 5.0 | 8.0 | 13.5 | 5.0 | 4.5 | 9.0 | 13.5 | 5.5 | 6.0 | 10.0 | 14.0 | 7.0 | 6.0 |
| 0.015 | 8.0 | 13.5 | 5.0 | 5.0 | 8.5 | 13.5 | 5.5 | 5.0 | 9.5 | 13.5 | 6.0 | 6.0 | 10.5 | 14.0 | 7.0 | 7.0 |
| 0.018 | 8.5 | 13.5 | 5.0 | 5.0 | 8.5 | 13.5 | 5.5 | 5.0 | 10.0 | 14.0 | 6.5 | 6.0 | 11.5 | 14.5 | 7.5 | 7.0 |
| 0.02 | 8.5 | 13.5 | 5.0 | 5.0 | 9.0 | 13.5 | 5.5 | 5.0 | 10.5 | 14.0 | 6.5 | 6.0 | 11.5 | 14.5 | 7.5 | 7.0 |
| 0.022 | 8.5 | 13.5 | 5.0 | 5.0 | 9.0 | 13.5 | 5.5 | 5.5 | 10.5 | 14.0 | 6.5 | 6.5 | 11.5 | 14.5 | 8.0 | 7.0 |
| 0.027 | 9.0 | 13.5 | 5.5 | 5.5 | 9.5 | 13.5 | 6.0 | 5.5 | 11.0 | 14.0 | 7.0 | 6.5 | 12.5 | 14.5 | 8.5 | 7.5 |
| 0.03 | 9.5 | 13.5 | 6.0 | 5.5 | 9.5 | 13.5 | 6.0 | 6.0 | 11.5 | 14.0 | 7.5 | 7.0 | 13.0 | 14.5 | 9.0 | 7.5 |
| 0.033 | 9.5 | 14.0 | 6.0 | 5.5 | 10.0 | 13.5 | 6.5 | 6.0 | 11.5 | 14.0 | 7.5 | 7.0 | 13.5 | 14.5 | 9.5 | 8.0 |
| 0.039 | 10.0 | 14.0 | 6.0 | 6.0 | 10.5 | 13.5 | 6.0 | 7.0 | 12.0 | 14.0 | 7.5 | 7.5 | 15.0 | 15.5 | 10.5 | 9.0 |
| 0.047 | 10.5 | 14.0 | 6.5 | 6.5 | 11.0 | 13.5 | 6.0 | 7.0 | 13.0 | 15.0 | 8.5 | 8.0 | 15.0 | 15.5 | 10.5 | 9.0 |
| 0.056 | 11.0 | 14.0 | 6.5 | 7.0 | 11.5 | 14.0 | 7.0 | 7.0 | 13.5 | 15.0 | 9.0 | 8.5 | 16.0 | 15.5 | 11.0 | 10.0 |
| 0.068 | 11.0 | 14.0 | 7.0 | 7.0 | 12.0 | 14.0 | 7.5 | 8.0 | 14.5 | 15.0 | 9.5 | 9.0 | | | | |
| 0.082 | 12.0 | 14.0 | 7.0 | 8.0 | 13.0 | 14.0 | 8.0 | 8.0 | 15.5 | 15.0 | 10.5 | 9.5 | | | | |
| 0.1 | 13.0 | 14.5 | 8.5 | 8.0 | 13.0 | 14.0 | 8.0 | 8.5 | 16.5 | 16.0 | 12.0 | 10.5 | | | | |
| 0.12 | 13.5 | 14.5 | 8.5 | 9.0 | | | | | | | | | | | | |
| 0.15 | 15.0 | 14.5 | 8.5 | 10.0 | | | | | | | | | | | | |
| 0.18 | 16.0 | 14.5 | 10.0 | 10.5 | | | | | | | | | | | | |

* The spec is subject to change without notice. Please contact us if any further queries.