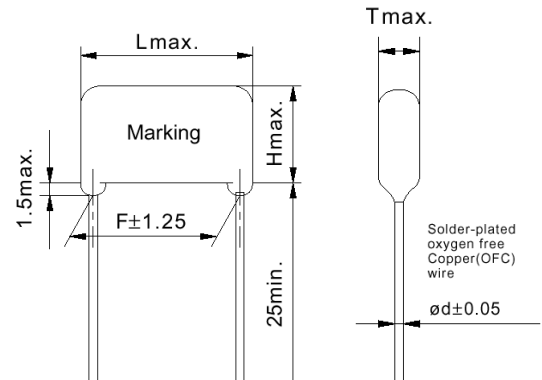


## PPS SERIES

### Polypropylene Film Capacitor.(high voltage)

#### FEATURES

- Non-inductive construction.
- Self-healing property.
- Two capacitors are wound in series connection at the same time which will minimize the unbalance voltage distribution.
- High corona starting voltage.
- Large current rating and high maximum pulse rise time.
- Flame-retardant epoxy resin coating ( UL 94V-O )



#### SPECIFICATIONS

1. OPERATING TEMPERATURE: -40°C ~ +85°C
2. CAPACITANCE RANGE: See Table
3. CAPACITANCE TOLERANCE: ±5%(J), ±10%(K)
4. RATED VOLTAGE: See Table
5. DISSIPATION FACTOR: 0.1% max. at 1KHz, 20°C
6. WITHSTAND VOLTAGE: 200% of the Rated Voltage for 1~5 Sec.
7. INSULATION RESISTANCE: Measured at 500V.DC, 60 Sec. Between Terminals: >=30,000 MΩ
8. Load life Test : Will withstand the test of R.H. 95% at 40 °C for 100hrs. After the test, the capacitance drift less than 3%, D.F. less than 0.2%, I.R. >= 1,000 MΩ-uF or 10,000 MΩ whichever is smaller.

Unit : :mm

| RV<br>SIZE<br>CAP.(uF) | 1000VDC |      |      |      | 1200VDC |      |      |      | 1600VDC |      |      |      | 2000VDC |      |      |      |
|------------------------|---------|------|------|------|---------|------|------|------|---------|------|------|------|---------|------|------|------|
|                        | L       | H    | T    | F    | L       | H    | T    | F    | L       | H    | T    | F    | L       | H    | T    | F    |
| 0.001                  | 25.0    | 10.5 | 6.0  | 21.0 | 25.0    | 10.5 | 6.0  | 21.0 | 25.0    | 11.0 | 6.5  | 21.0 | 25.0    | 12.5 | 7.0  | 21.0 |
| 0.0012                 | 25.0    | 11.0 | 6.0  | 21.0 | 25.0    | 11.0 | 6.0  | 21.0 | 25.0    | 11.5 | 6.5  | 21.0 | 25.0    | 13.0 | 7.5  | 21.0 |
| 0.0015                 | 25.0    | 11.5 | 6.0  | 21.0 | 25.0    | 11.5 | 6.5  | 21.0 | 25.0    | 12.5 | 7.0  | 21.0 | 25.0    | 14.0 | 8.0  | 21.0 |
| 0.0018                 | 25.0    | 11.5 | 6.0  | 21.0 | 25.0    | 12.0 | 7.0  | 21.0 | 25.0    | 13.5 | 7.5  | 21.0 | 25.0    | 16.0 | 8.5  | 21.0 |
| 0.0022                 | 25.0    | 11.5 | 6.5  | 21.0 | 25.0    | 12.5 | 7.5  | 21.0 | 25.0    | 15.0 | 8.0  | 21.0 | 25.0    | 17.0 | 9.0  | 21.0 |
| 0.0027                 | 25.0    | 12.0 | 7.0  | 21.0 | 25.0    | 13.0 | 8.0  | 21.0 | 25.0    | 16.0 | 8.5  | 21.0 | 25.0    | 18.0 | 10.0 | 21.0 |
| 0.0033                 | 25.0    | 12.5 | 7.5  | 21.0 | 25.0    | 15.0 | 8.5  | 21.0 | 25.0    | 17.0 | 9.5  | 21.0 | 25.0    | 20.0 | 10.5 | 21.0 |
| 0.0039                 | 25.0    | 13.0 | 8.0  | 21.0 | 25.0    | 16.0 | 9.5  | 21.0 | 25.0    | 18.5 | 10.0 | 21.0 | 25.0    | 21.0 | 11.0 | 21.0 |
| 0.0047                 | 25.0    | 13.5 | 8.5  | 21.0 | 25.0    | 17.0 | 10.5 | 21.0 | 25.0    | 20.0 | 10.5 | 21.0 | 31.0    | 20.0 | 10.5 | 27.5 |
| 0.0056                 | 25.0    | 16.0 | 9.5  | 21.0 | 25.0    | 18.0 | 11.5 | 21.0 | 31.0    | 20.0 | 10.0 | 27.5 | 31.0    | 21.0 | 11.5 | 27.5 |
| 0.0068                 | 25.0    | 16.5 | 10.5 | 21.0 | 31.0    | 17.0 | 10.5 | 27.5 | 31.0    | 21.0 | 10.5 | 27.5 | 31.0    | 22.0 | 12.0 | 27.5 |
| 0.0082                 | 25.0    | 17.5 | 11.5 | 21.0 | 31.0    | 18.0 | 11.0 | 27.5 | 31.0    | 22.0 | 11.0 | 27.5 | 31.0    | 23.0 | 13.0 | 27.5 |
| 0.01                   | 25.0    | 19.5 | 12.0 | 21.0 | 31.0    | 21.0 | 12.0 | 27.5 | 31.0    | 23.0 | 12.0 | 27.5 | 31.0    | 24.0 | 14.0 | 27.5 |
| 0.012                  | 25.0    | 21.0 | 13.5 | 21.0 | 31.0    | 22.0 | 13.0 | 27.5 | 31.0    | 24.0 | 13.5 | 27.5 | 31.0    | 25.5 | 15.5 | 27.5 |
| 0.015                  | 31.0    | 20.0 | 12.0 | 27.5 | 31.0    | 23.0 | 14.0 | 27.5 | 31.0    | 26.0 | 16.0 | 27.5 | 31.0    | 28.0 | 17.0 | 27.5 |
| 0.018                  | 31.0    | 20.5 | 12.5 | 27.5 | 31.0    | 25.0 | 15.0 | 27.5 | 31.0    | 28.0 | 18.0 | 27.5 |         |      |      |      |
| 0.022                  | 31.0    | 24.5 | 14.0 | 27.5 | 31.0    | 28.0 | 16.5 | 27.5 | 31.0    | 30.0 | 20.0 | 27.5 |         |      |      |      |
| 0.027                  | 31.0    | 25.5 | 15.5 | 27.5 | 31.0    | 30.0 | 18.5 | 27.5 |         |      |      |      |         |      |      |      |
| 0.033                  | 31.0    | 27.5 | 17.5 | 27.5 | 31.0    | 32.0 | 21.0 | 27.5 |         |      |      |      |         |      |      |      |