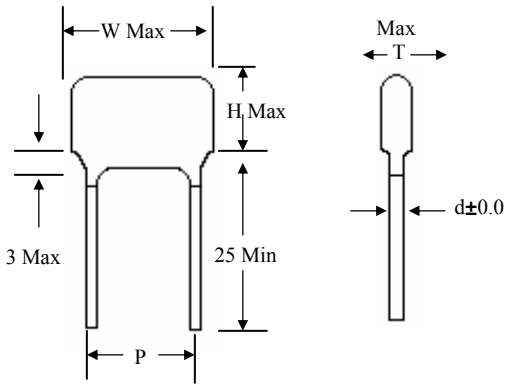
# TYPE: PPVR Radial, Dipped, Hi Volt, Non-inductive

**PPVR:** Are constructed with metalized polypropylene/polypropylene film, metal foil, copper ply lead and flame retardant epoxy resin coating. Most suitable for high voltage and pulse in the horizontal resonance circuit of color TV sets, because it is a miniature, highly reliable, large current loading and excellent high frequency performance capacitor.




**Features:**

- Very low loss, small inherent temperature rise non-inductive construction
- Temperature coefficient of capacitance is negative and almost constant
- High insulation resistance
- Flame retardant epoxy resin coating (UL 94/V-0) (compliance with UL 94V-0)

**Specification:**

1. Operating temperature: -40 ºC ~ +85ºC
2. Capacitance range: 0.001μ F ~ 0.033μ F
3. Capacitance tolerance: ±5%(J), ±10%(K)
4. Rated voltage: 1000VDC,1200VDC, 1600VDC, 2000VDC
5. Dissipation factor: 0.1% (20º C, 1KHz) 0.2% (20º C, 1KHz)
6. Insulation resistance: 5000 MΩ

Unit:mm

| RV / Size / Cap (μF) | 1000VDC | | | | 1200VDC | | | | 1600VDC | | | | 2000VDC | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | W | H | T | P±1.5 | W | H | T | P±1.5 | W | H | T | P±1.5 | W | H | T | P±1.5 |
| 0.0010 | 20.0 | 12.0 | 8.0 | 15.0 | 25.0 | 12.0 | 8.0 | 15.0 | 25.0 | 12.0 | 7.0 | 21.0 | 25.0 | 12.0 | 7.0 | 21.0 |
| 0.0012 | 20.0 | 13.0 | 8.0 | 15.0 | 25.0 | 13.0 | 8.0 | 15.0 | 25.0 | 12.0 | 7.0 | 21.0 | 25.0 | 14.0 | 6.0 | 21.0 |
| 0.0015 | 20.0 | 13.0 | 8.0 | 15.0 | 25.0 | 13.0 | 8.0 | 15.0 | 25.0 | 13.0 | 7.0 | 21.0 | 25.0 | 14.5 | 6.0 | 21.0 |
| 0.0018 | 20.0 | 13.0 | 8.0 | 15.0 | 25.0 | 13.0 | 8.0 | 15.0 | 25.0 | 14.0 | 8.0 | 21.0 | 25.0 | 15.5 | 9.0 | 21.0 |
| 0.0022 | 25.0 | 13.0 | 8.0 | 21.0 | 25.0 | 13.0 | 8.0 | 21.0 | 25.0 | 16.0 | 10.0 | 21.0 | 25.0 | 16.0 | 9.0 | 21.0 |
| 0.0027 | 25.0 | 14.0 | 8.0 | 21.0 | 25.0 | 14.0 | 8.0 | 21.0 | 25.0 | 16.0 | 10.0 | 21.0 | 25.0 | 17.0 | 10.0 | 21.0 |
| 0.0033 | 25.0 | 16.0 | 9.0 | 21.0 | 25.0 | 16.0 | 9.0 | 21.0 | 25.0 | 17.0 | 11.0 | 21.0 | 25.0 | 20.0 | 12.0 | 21.0 |
| 0.0039 | 25.0 | 16.0 | 9.0 | 21.0 | 25.0 | 16.0 | 9.0 | 21.0 | 25.0 | 18.0 | 12.0 | 21.0 | 32.0 | 17.0 | 11.0 | 27.0 |
| 0.0047 | 25.0 | 18.0 | 10.0 | 21.0 | 25.0 | 18.0 | 10.0 | 21.0 | 25.0 | 19.0 | 13.0 | 21.0 | 32.0 | 19.0 | 12.0 | 27.0 |
| 0.0056 | 25.0 | 16.5 | 10.0 | 21.0 | 25.0 | 18.5 | 10.0 | 21.0 | 20.0 | 21.0 | 10.0 | 21.0 | 32.0 | 20.0 | 12.5 | 27.0 |
| 0.0062 | 25.0 | 19.5 | 11.5 | 21.0 | 25.0 | 19.5 | 11.5 | 21.0 | 25.0 | 21.0 | 13.0 | 21.0 | 32.0 | 20.0 | 13.0 | 27.0 |
| 0.0068 | 25.0 | 20.0 | 12.0 | 21.0 | 25.0 | 20.0 | 12.0 | 21.0 | 26.0 | 21.0 | 13.0 | 21.0 | 32.0 | 20.0 | 13.5 | 27.0 |
| 0.0075 | 25.0 | 20.0 | 12.0 | 21.0 | 25.0 | 20.0 | 12.0 | 21.0 | 26.0 | 20.0 | 17.0 | 21.0 | 32.0 | 21.0 | 13.5 | 27.0 |
| 0.0082 | 25.0 | 20.0 | 12.0 | 21.0 | 25.0 | 20.0 | 12.0 | 21.0 | 32.0 | 19.0 | 11.0 | 27.0 | 32.0 | 22.0 | 14.0 | 27.0 |
| 0.010 | 25.0 | 21.0 | 12.0 | 21.0 | 25.0 | 21.0 | 12.0 | 21.0 | 32.0 | 19.0 | 12.0 | 27.0 | 32.0 | 24.0 | 14.5 | 27.0 |
| 0.012 | 25.0 | 21.0 | 12.0 | 21.0 | 25.0 | 21.0 | 12.0 | 21.0 | 32.0 | 22.0 | 13.0 | 27.0 | 32.0 | 24.5 | 15.0 | 27.0 |
| 0.015 | 25.0 | 21.5 | 13.0 | 21.0 | 25.0 | 21.0 | 13.0 | 21.0 | 32.0 | 24.0 | 14.0 | 27.0 | 32.0 | 25.0 | 15.0 | 27.0 |
| 0.018 | 31.0 | 23.0 | 14.0 | 27.0 | 31.0 | 23.0 | 14.0 | 27.0 | 32.0 | 24.0 | 17.0 | 27.0 | | | | |
| 0.022 | 31.0 | 26.0 | 16.0 | 27.0 | 31.0 | 26.0 | 16.0 | 27.0 | 32.0 | 27.0 | 18.0 | 27.0 | | | | |
| 0.027 | 31.0 | 27.0 | 16.0 | 27.0 | 31.0 | 27.0 | 16.0 | 27.0 | | | | | | | | |
| 0.033 | 31.0 | 29.0 | 16.0 | 27.0 | 31.0 | 29.0 | 16.0 | 27.0 | | | | | | | | |