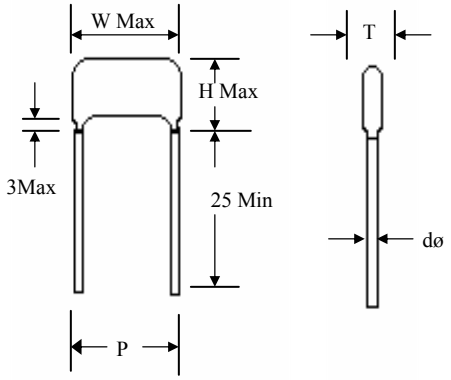
# TYPE: PPNR Radial, Dipped, Non-inductive

**PPNR:** Are constructed with polypropylene film dielectric aluminum foil electrode, copper ply lead and epoxy resin in non-inductive tape. They are suitable for blocking, bypass coupling, temperature compensation and ideal for use in telecommunication equipment, data processing equipment, industrial instruments, automatic control system and other general electronic equipment.




**Features:**

- Low dissipation factor and high insulation resistance
- High stability of capacitance and DF versus temperature and frequency
- Low equivalent series resistance
- Non-inductive construction

**Specification:**

1. Operating temperature: -40 ºC ~ +85ºC
2. Capacitance range: 0.001μ F ~ 0.47μ F
3. Capacitance tolerance: ±5%(J), ±10%(K), ±20%(M)
4. Rated voltage: 50VDC,100VDC,250VDC,400VDC,630VDC
5. Dissipation factor: 0.1% Max at 1KHz, 25ºC
6. Insulation resistance: >30000 MΩ (C≤ 0.1 μ F ), >3000 MΩ · μ F (C>0.01 μ F )

Unit: mm

| RV / Size / Cap (μF) | 50 VDC / 100 VDC | | | | | 250 VDC | | | | | 400 VDC | | | | | 630 VDC | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | W | H | T | P | dø | W | H | T | P | dø | W | H | T | P | dø | W | H | T | P | dø |
| 0.0010 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 |
| 0.0015 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 7.0 | 7.0 | 0.6 |
| 0.0018 | 11.0 | 10.0 | 7.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 7.0 | 7.0 | 0.6 |
| 0.0022 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 14.0 | 10.0 | 6.0 | 10.0 | 0.6 |
| 0.0033 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 06 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 |
| 0.0039 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 11.0 | 10.0 | 6.0 | 7.0 | 0.6 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 | 14.0 | 11.5 | 8.0 | 10.0 | 0.6 |
| 0.0047 | 11.0 | 10.0 | 6.5 | 7.0 | 0.6 | 11.0 | 10.0 | 6.5 | 7.0 | 0.6 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 | 14.0 | 12.0 | 7.0 | 10.0 | 0.6 |
| 0.0056 | 11.0 | 10.5 | 7.0 | 7.0 | 0.6 | 11.0 | 10.5 | 7.0 | 7.0 | 0.6 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 | 20.0 | 12.0 | 7.5 | 15.0 | 0.6 |
| 0.0068 | 11.0 | 10.5 | 7.0 | 7.0 | 0.6 | 11.0 | 10.5 | 7.0 | 7.0 | 0.6 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 | 20.0 | 13.0 | 8.0 | 15.0 | 0.6 |
| 0.010 | 11.0 | 11.0 | 7.0 | 7.0 | 0.6 | 11.0 | 11.0 | 7.0 | 7.0 | 0.6 | 14.0 | 12.0 | 7.5 | 10.0 | 0.6 | 20.0 | 14.0 | 8.0 | 15.0 | 0.6 |
| 0.015 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 10.0 | 0.6 | 20.0 | 12.0 | 7.5 | 15.0 | 0.6 | 20.0 | 15.0 | 9.0 | 15.0 | 0.6 |
| 0.022 | 14.0 | 12.0 | 7.5 | 10.0 | 0.6 | 14.0 | 12.0 | 7.5 | 10.0 | 0.6 | 20.0 | 13.0 | 9.0 | 15.0 | 0.6 | 20.0 | 17.0 | 10.0 | 15.0 | 0.6 |
| 0.033 | 14.0 | 13.5 | 8.0 | 10.0 | 0.6 | 20.0 | 13.0 | 8.0 | 15.0 | 0.6 | 20.0 | 14.0 | 9.5 | 15.0 | 0.6 | 26.0 | 17.0 | 10.0 | 21.0 | 0.8 |
| 0.047 | 14.0 | 13.5 | 9.0 | 10.0 | 0.6 | 20.0 | 14.0 | 9.0 | 15.0 | 0.6 | 26.0 | 16.0 | 8.0 | 21.0 | 0.8 | 26.0 | 19.0 | 12.0 | 21.0 | 0.8 |
| 0.056 | 20.0 | 13.0 | 8.0 | 15.0 | 0.6 | 20.0 | 15.0 | 10.0 | 15.0 | 0.6 | 26.0 | 18.0 | 9.0 | 21.0 | 0.8 | 26.0 | 20.0 | 13.0 | 21.0 | 0.8 |
| 0.068 | 20.0 | 14.0 | 9.0 | 15.0 | 0.6 | 20.0 | 16.0 | 10.0 | 15.0 | 0.6 | 26.0 | 18.0 | 10.0 | 21.0 | 0.8 | 26.0 | 22.0 | 14.0 | 21.0 | 0.8 |
| 0.10 | 20.0 | 16.0 | 10.0 | 15.0 | 0.6 | 20.0 | 18.0 | 10.0 | 15.0 | 0.8 | 26.0 | 20.0 | 11.0 | 21.0 | 0.8 | 32.0 | 22.0 | 13.0 | 27.0 | 0.8 |
| 0.15 | 20.0 | 18.0 | 11.0 | 15.0 | 0.8 | 26.0 | 18.0 | 11.0 | 21.0 | 0.8 | 32.0 | 23.0 | 12.0 | 27.0 | 0.8 | | | | | |
| 0.18 | 26.0 | 16.0 | 9.0 | 21.0 | 0.8 | 26.0 | 21.0 | 12.0 | 21.0 | 0.8 | 32.0 | 23.0 | 13.0 | 27.0 | 0.8 | | | | | |
| 0.22 | 26.0 | 18.0 | 11.0 | 21.0 | 0.8 | 32.0 | 20.0 | 13.0 | 27.0 | 0.8 | | | | | | | | | | |
| 0.27 | 26.0 | 16.0 | 11.0 | 21.0 | 0.8 | 32.0 | 22.0 | 13.0 | 27.0 | 0.8 | | | | | | | | | | |
| 0.33 | 32.0 | 21.0 | 12.0 | 27.0 | 0.8 | 32.0 | 23.0 | 13.0 | 27.0 | 0.8 | | | | | | | | | | |
| 0.39 | 32.0 | 22.0 | 12.0 | 27.0 | 0.8 | 32.0 | 23.0 | 13.0 | 27.0 | 0.8 | | | | | | | | | | |
| 0.47 | 32.0 | 24.0 | 14.0 | 27.0 | 0.8 | 32.0 | 27.0 | 16.0 | 27.0 | 0.8 | | | | | | | | | | |