



RT Long Life Assurance, High Ripple Current

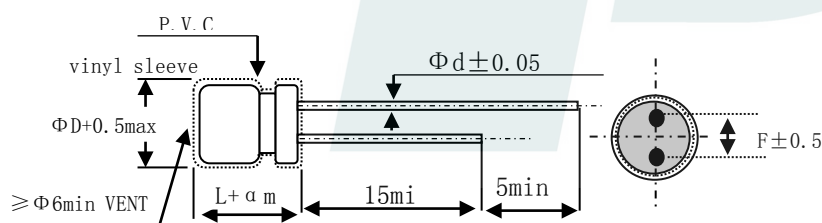
- ☆ High ripple current & long life, 5000Hrs
- ☆ Suitable for electronic ballast, Power supply

■ Specifications

| | | | | | | |
|-----------------------------|--|------|------|-----------------------------|------|------|
| Operating temperature range | -40~+105°C | | | -25~+105°C | | |
| Rated voltage range | 200to400V DC | | | 450V DC | | |
| Nominal capacitance range | 4.7 ~220μF | | | | | |
| Capacitance tolerance | ±20%(25°C, 120Hz) | | | | | |
| Leakage current | 1≤0.02CRUR +10(μA) 2minutes | | | 1≤0.03CRUR +10(μA) 2minutes | | |
| Tg δ | U _R (V) | 200 | 250 | 350 | 400 | 450 |
| Dissipation | t _g δ | 0.08 | 0.08 | 0.08 | 0.08 | 0.12 |
| Temperature | U _R (V) | 200 | 250 | 350 | 400 | 450 |
| | Z-25°C / Z+20°C | 3 | 3 | 5 | 5 | 6 |
| | Z-40°C / Z+20°C | 6 | 6 | 6 | 6 | / |
| Load life | After appyinyng rated voltage with specified ripple current for 5000hours at +105°C and then resumed 16h Capacitance change: Within ±20% of the initial measured value Leakage current: Not more than the initial specified value Dissipation factor: Not more than 200% of the iniaial specified value | | | | | |
| Shelf life | After storage for 1000hours at +105°C then resumed 16hours; Capacitance change: With ±15% of the initial measured value Leakage current: Not more than 200% of the initial specified value Dissipation factor: Not more than 200% of the initial specified value | | | | | |

■ Case size table

Unit:mm



| | | | | | | | |
|----|-----|-----|-----|----|-----|----|----|
| ΦD | 6 | 8 | 10 | 12 | 13 | 16 | 18 |
| F | 2.5 | 3.5 | 5.0 | | 7.5 | | |
| Φd | 0.5 | | 0.6 | | 0.8 | | |
| α | 1.0 | | 1.5 | | 2.0 | | |

■ Nominal capacitance, rated voltage, rated ripple current and case size table

| C _R (μF) | code | U _R (V) | | 200 (2D) | | 250 (2E) | | 350 (2V) | | 400 (2G) | | 450 (2W) | |
|---------------------|------|--------------------|--|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|
| | | ltem | | D×L (mm) | Ripple (mA) | D×L (mm) | Ripple (mA) | D×L (mm) | Ripple (mA) | D×L (mm) | Ripple (mA) | D×L (mm) | Ripple (mA) |
| 4.7 | 4R7 | | | | | 8×12 | 140 | 10×13 | 120 | 10×16 | 200 | 10×20 | 200 |
| 6.8 | 6R8 | | | | | 10×13 | 210 | 10×16 | 220 | 10×16 | 230 | 10×20 | 250 |
| 10 | 100 | | | 10×16 | 270 | 10×16 | 300 | 10×20 | 300 | 10×20 | 280 | 12.5×20 | 380 |
| 15 | 150 | | | | | | | | | 12.5×20 | 450 | 12.5×25 | 500 |
| 22 | 220 | | | 10×20 | 420 | 10×20 | 500 | 12.5×20 | 450 | 12.5×20 | 520 | 16×20 | 630 |
| 33 | 330 | | | 10×20 | 550 | 12.5×20 | 700 | 16×20 | 660 | 16×25 | 750 | 16×25 | 850 |
| 47 | 470 | | | 12.5×20 | 850 | 12.5×20 | 750 | 16×20 | 780 | 16×25 | 890 | 18×25 | 1020 |
| 68 | 680 | | | 12.5×25 | 900 | 16×25 | 900 | 18×25 | 950 | 18×30 | 1040 | | |
| 100 | 101 | | | 16×25 | 1200 | 16×30 | 1250 | | | | | | |
| 150 | 151 | | | 16×25 | 1350 | 18×30 | 1600 | | | | | | |
| 220 | 221 | | | 18×30 | 1950 | | | | | | | | |