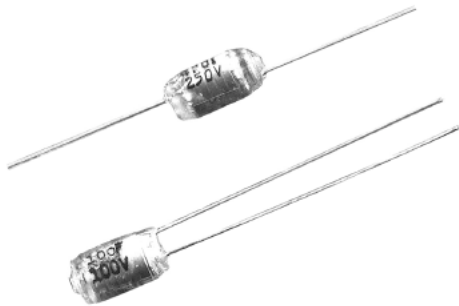


Radial & Axial Polystyrene Film Capacitor – JFR

DISCONTINUED MODEL

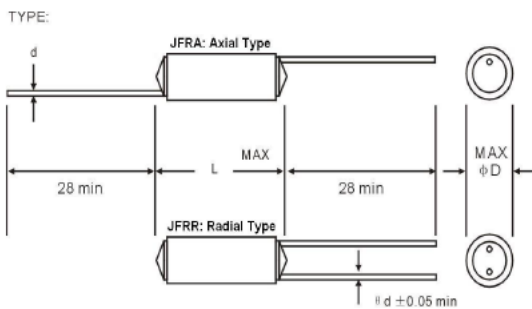


FEATURES

- Inductive, Radial & Axial, welded lead style.
- High stability of capacitance and DF versus temperature and frequency.
- High precision of capacitance is available.
- Low dissipation factor and high insulation resistance.

SPECIFICATIONS

| | |
|-------------------------|--------------------------------------|
| Operating Temperature | -40°C ~ +70°C |
| Rated Voltage | 50V, 100V, 125V, 250V, 500V, 630V.DC |
| Capacitance Range | 10pF ~ 0.01 μF |
| Capacitance Tolerance | ±1%, ±2%, ±2.5%, ±5%, ±10% |
| Insulation Resistance | 100,000MΩ min at 25°C |
| Dissipation Factor | C>330pF, DF<0.1%, Q>1000 at 1KHz |
| Temperature Coefficient | N150±50 ppm/°C |



STANDARD SIZE (mm)

| VDC | 50VDC/100VDC | | | 160VDC | | | 500VDC/630VDC | | | VDC | 50VDC/100VDC | | | 160VDC | | | 630VDC | | |
|-------|--------------|------|-----|--------|------|-----|---------------|------|-----|-------|--------------|------|-----|--------|------|-----|--------|------|-----|
| | PF | D | L | ∅ d | D | L | ∅ d | D | L | | ∅ d | PF | D | L | ∅ d | D | L | ∅ d | D |
| 10-56 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 820 | 6.0 | 12.0 | 0.4 | 6.5 | 12.0 | 0.4 | 6.5 | 17.0 | 0.4 |
| 68 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 1000 | 6.0 | 12.0 | 0.4 | 6.5 | 17.0 | 0.4 | 7.0 | 17.0 | 0.4 |
| 82 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 1200 | 6.0 | 12.0 | 0.4 | 6.5 | 17.0 | 0.4 | 7.5 | 17.0 | 0.4 |
| 100 | 6.0 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 1500 | 6.5 | 12.0 | 0.4 | 6.5 | 17.0 | 0.4 | 7.5 | 21.0 | 0.4 |
| 120 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 1800 | 6.5 | 12.0 | 0.4 | 7.0 | 17.0 | 0.4 | 8.0 | 21.0 | 0.4 |
| 150 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 7.5 | 14.0 | 0.4 | 2200 | 6.5 | 12.0 | 0.4 | 7.0 | 17.0 | 0.5 | 8.0 | 22.0 | 0.4 |
| 180 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.0 | 12.0 | 0.4 | 2700 | 7.0 | 12.0 | 0.4 | 7.0 | 17.0 | 0.5 | 8.5 | 22.0 | 0.4 |
| 220 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.0 | 12.0 | 0.4 | 3300 | 7.0 | 12.0 | 0.4 | 7.5 | 19.0 | 0.5 | 9.0 | 24.0 | 0.5 |
| 270 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.0 | 12.0 | 0.4 | 3900 | 7.5 | 12.0 | 0.4 | 7.5 | 19.0 | 0.5 | 9.5 | 24.0 | 0.5 |
| 330 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.5 | 12.0 | 0.4 | 4700 | 8.0 | 12.0 | 0.4 | 8.0 | 19.0 | 0.5 | 10.0 | 24.0 | 0.5 |
| 390 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.5 | 12.0 | 0.4 | 5600 | 8.5 | 12.0 | 0.4 | 9.0 | 19.0 | 0.5 | 11.0 | 24.0 | 0.5 |
| 470 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.5 | 12.0 | 0.4 | 6800 | 9.0 | 12.0 | 0.4 | 9.5 | 19.0 | 0.5 | 11.0 | 24.0 | 0.5 |
| 560 | 5.5 | 12.0 | 0.4 | 5.5 | 12.0 | 0.4 | 6.5 | 17.0 | 0.4 | 8200 | 9.5 | 12.0 | 0.4 | 9.5 | 22.0 | 0.5 | 12.0 | 24.0 | 0.5 |
| 680 | 5.5 | 12.0 | 0.4 | 6.0 | 12.0 | 0.4 | 6.5 | 17.0 | 0.4 | 10000 | 10.0 | 12.0 | 0.4 | 10.5 | 22.0 | 0.5 | 13.0 | 24.0 | 0.5 |