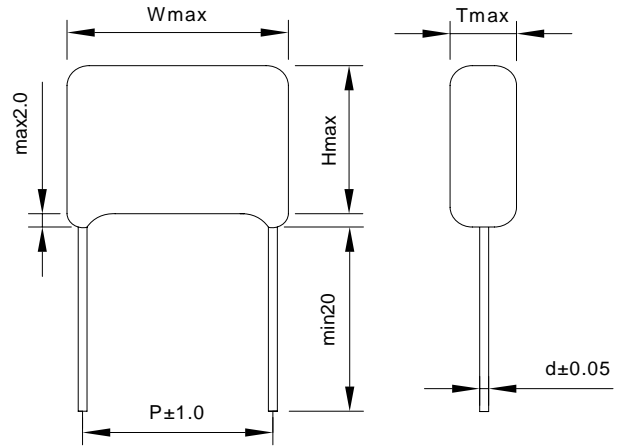




高压金属化聚丙烯薄膜/箔式电容器 PPS



●特征及用途:

1. 高频损耗小
2. 内部温升小
3. 容量、损耗受温度变化小
4. 优异的阻燃性能
5. 优异的防潮性能
6. 广泛用于高频、直流、交流和脉冲电路
7. 电源整流后滤波回路

■ 技术参数 Technical Specifications

| 项目 Items | 性能要求 Characteristics |
|---------------------------------------|---|
| 引用标准 Reference Standard | GB 10190 (IEC60384-16) |
| 气候类别 Climatic Category | 40/105/21 |
| 额定温度 Rate Temperature | 85°C |
| 工作温度范围 Operating Temperature Range | -40~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for $V_R(DC)$) |
| 额定电压 Rated Voltage | 1000V/1250V 1600V 2000V 2500V |
| 电容量范围 Capacitance Range | 0.01 μ F ~ 0.1 μ F |
| 电容量偏 Capacitance Tolerance | $\pm 5\%$ (J); $\pm 10\%$ (K) (1kHz) |
| 耐电压 Voltage Proof | 1.6 U_R (5S) |
| 损耗角正切 Dissipation Factor | $\leq 10 \times 10^{-4}$ (20°C; 1kHz) |
| 绝缘电阻 Insulation Resistance | $\geq 100000M \Omega$ 20°C, 100VDC, 1min |



■ 外形尺寸 Dimensions (mm)

| 电容量 μF | 1000VDC/1250VDC | | | | | 1600VDDC | | | | |
|-------------------|-----------------|------|------|-------------|--------------|----------|------|------|-------------|--------------|
| | Wmax | Hmax | Tmax | P ± 1.0 | d ± 0.05 | Wmax | Hmax | Tmax | P ± 1.0 | d ± 0.05 |
| 0.001 | 18 | 10 | 6 | 15 | 0.8 | 18 | 10.5 | 6 | 15 | 0.8 |
| 0.0015 | 18 | 11 | 6.5 | 15 | 0.8 | 18 | 11.5 | 7 | 15 | 0.8 |
| 0.0022 | 18 | 12.5 | 7.5 | 15 | 0.8 | 18 | 13 | 8 | 15 | 0.8 |
| 0.0027 | 18 | 13.5 | 8.0 | 15 | 0.8 | 18 | 11.5 | 6.5 | 15 | 0.8 |
| 0.0033 | 18 | 14.5 | 8.5 | 15 | 0.8 | 18 | 12 | 7 | 15 | 0.8 |
| 0.0039 | 18 | 12 | 7.0 | 15 | 0.8 | 18 | 12 | 6.5 | 15 | 0.8 |
| 0.0047 | 18 | 12.5 | 7.5 | 15 | 0.8 | 18 | 12.5 | 7 | 15 | 0.8 |
| 0.0056 | 18 | 12 | 7 | 15 | 0.8 | 18 | 13 | 7.5 | 15 | 0.8 |
| 0.0068 | 18 | 13 | 7.5 | 15 | 0.8 | 18 | 14 | 8 | 15 | 0.8 |
| 0.0082 | 18 | 14 | 8 | 15 | 0.8 | 18 | 14.5 | 9.5 | 15 | 0.8 |
| 0.01 | 18 | 14.5 | 9.5 | 15 | 0.8 | 18 | 15.5 | 10 | 15 | 0.8 |
| 0.015 | 18 | 15 | 10 | 15 | 0.8 | 23 | 15 | 10.5 | 20 | 0.8 |
| 0.022 | 18 | 17 | 11.5 | 15 | 0.8 | 23 | 17 | 12.5 | 20 | 0.8 |
| 0.027 | 23 | 15.5 | 11 | 20 | 0.8 | | | | | |
| 0.033 | 23 | 16.5 | 12 | 20 | 0.8 | | | | | |



聚脂膜电容器
Polypropylene Film Capacitor

| 电容量 μF | 2000VDC | | | | | 2500VDDC | | | | |
|-------------------|---------|------|------|-------------|--------------|----------|------|------|-------------|--------------|
| | Wmax | Hmax | Tmax | P ± 1.0 | d ± 0.05 | Wmax | Hmax | Tmax | P ± 1.0 | d ± 0.05 |
| 0.001 | 18 | 10.5 | 6 | 15 | 0.8 | 18 | 10.5 | 6 | 15 | 0.8 |
| 0.0015 | 18 | 11.5 | 7 | 15 | 0.8 | 18 | 11.5 | 7 | 15 | 0.8 |
| 0.0022 | 18 | 13 | 8 | 15 | 0.8 | 18 | 13 | 8 | 15 | 0.8 |
| 0.0027 | 18 | 12.5 | 7 | 15 | 0.8 | 18 | 12.5 | 7 | 15 | 0.8 |
| 0.0033 | 18 | 13 | 7.5 | 15 | 0.8 | 18 | 13 | 7.5 | 15 | 0.8 |
| 0.0039 | 18 | 12.5 | 7.5 | 15 | 0.8 | 18 | 14 | 8.5 | 15 | 0.8 |
| 0.0047 | 18 | 13.5 | 8 | 15 | 0.8 | 18 | 14.5 | 9.5 | 15 | 0.8 |
| 0.0056 | 18 | 14.5 | 8.5 | 15 | 0.8 | 18 | 15.5 | 10 | 15 | 0.8 |
| 0.0068 | 18 | 15 | 10 | 15 | 0.8 | 18 | 16.5 | 11 | 15 | 0.8 |
| 0.0082 | 18 | 16 | 10.5 | 15 | 0.8 | 23 | 16 | 11 | 20 | 0.8 |
| 0.01 | 18 | 17 | 11.5 | 15 | 0.8 | 23 | 17.5 | 12.5 | 20 | 0.8 |
| 0.015 | 23 | 17.5 | 12.5 | 20 | 0.8 | | | | | |
| 0.022 | 23 | 20 | 15 | 20 | 0.8 | | | | | |
| 0.027 | | | | | | | | | | |
| 0.033 | | | | | | | | | | |

备注：特殊需要可根据客户要求另行设计