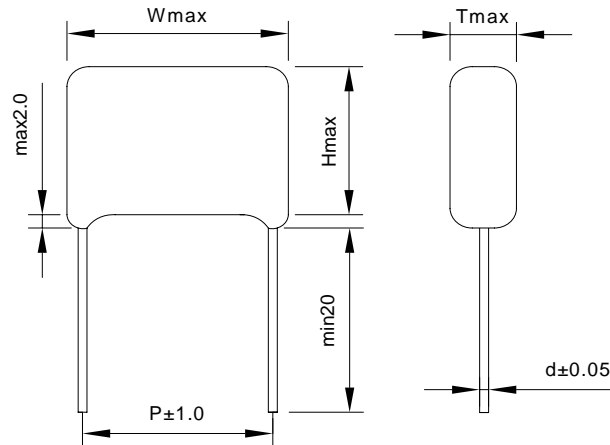




Polypropylene film and Metallized Polypropylene Capacitor PPS



● Features and applications:

- 1.High frequency and low dissipation factor
- 2.Low temperature rise inside
- 3.Small changes on capacitance, temperature, dissipation
- 4.Excellent flame retardant
- 5.Excellent moisture proof
6. Widely used in high pulse circuit and resonance oscillation circuit
- 6.Used in Filtering return circuit after commutated in power supply

■ 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℃
工作温度范围 Operating Temperature Range	-40~105℃ (+85℃to +105℃: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℃ ; 1kHz)
绝缘电阻 Insulation Resistance	$\geq 100000M \Omega$ 20℃, 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										

Remark: Special needs can be designed according to customer requirements