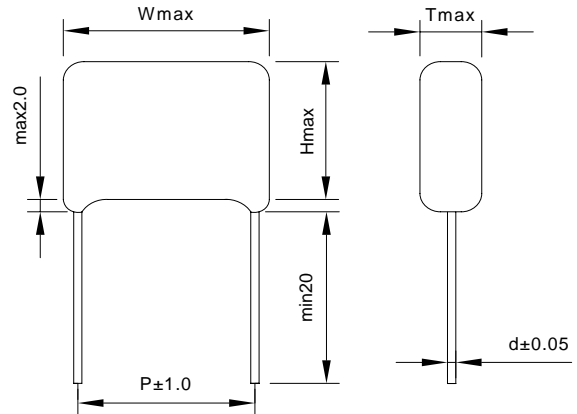




金属化聚丙烯薄膜电容器 MPTF



● Features and applications:

1. Low noise, 26db (max) 60Hz
2. Safety film design
3. Will be open circuit rather than burn when break down
4. Heat resisting PP film to 110°C
5. Electronics (Power supply, display, lighting rectifier)
6. Filtering circuit after rectified in power suppliers.
7. Power supply PFC returning circuit
8. Used in high frequency circuit less than 120KHz.

■ 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	450V、630V	
电容量范围 Capacitance Range	0.01 $\mu$ F ~ 2.2 $\mu$ 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	$C_R \leq 0.33 \mu F \geq 100000 M\Omega$ $C_R > 0.33 \mu F \geq 30000 S$	20°C, 100VDC, 1min



■ 外形尺寸 Dimensions (mm)

电容量 $\mu\text{F}$	450VDC					630VDC				
	Wmax	Hmax	Tmax	P $\pm 1.0$	d $\pm 0.05$	Wmax	Hmax	Tmax	P $\pm 1.0$	d $\pm 0.05$
0.1	13	9.5	4.5	10	0.6	13	10	5.0	10	0.6
0.22	13	11.5	6.5	10	0.6	13	12	7.0	10	0.6
0.33	13	13.5	7.5	10	0.6	18	14.5	8	15	0.8
0.47	13	15	9.0	10	0.6	18	16	10	15	0.8
0.56	18	13.5	7	15	0.8	18	18	10	15	0.8
0.68	18	14	8	15	0.8	18	19	11	15	0.8
1.0	18	18	8.5	15	0.8	18	22.5	13	15	0.8
1.5	18	20	10.5	15	0.8	25	21.5	12.5	22.5	0.8
2.2	18	22.5	13	15	0.8	25	24.5	15.5	22.5	0.8

**Remark: Special needs can be designed according to customer requirements**