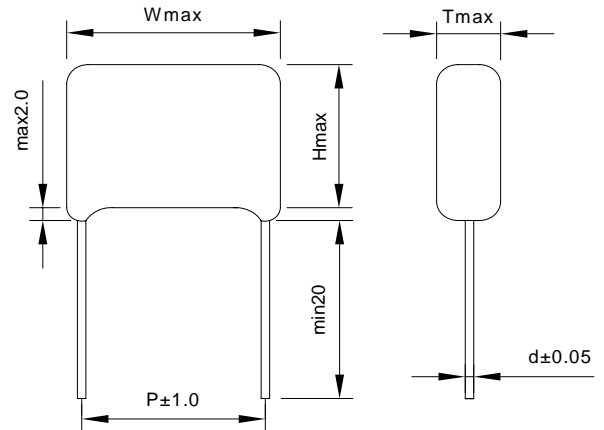




金属化聚酯薄膜电容器 METF



● Features and applications:

1. Safety film design, small size
2. Will be open circuit rather than burn when break down
3. Low noise, 26db (max) 60Hz
4. Electronics (Power supply, display, lighting rectifier, etc)
5. Filtering circuit after rectified in power suppliers.
6. Power supply PFC returning circuit
7. Used in low frequency circuit less than 50KHz.

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	GB/T 7332 (IEC60384-2)		
气候类别 Climatic Category	40/125/21		
额定温度 Rate Temperature	85℃		
工作温度范围 Operating Temperature Range	-40~125℃ (+85℃to +125℃:decreasing factor 1.25% per °C for VR(DC))		
额定电压 Rated Voltage	450VDC 630VDC		
电容量范围 Capacitance Range	0.1 μ F~2.2 μ F		
电容量偏 Capacitance Tolerance	±5%(J); ±10%(K) (1kHz)		
耐电压 Voltage Proof	1.6UR(5S)		
损耗角正切 Dissipation Factor	≤10×10 ⁻³ (20℃ ; 1kHz)		
绝缘电阻 Insulation Resistance	UR > 100V	CR ≤ 0.33 μF ≥ 7500 MΩ CR > 0.33 μF ≥ 2500 S	20℃, 100VDC, 1min



■ 外形尺寸 Dimensions (mm)

电容量 μF	450VDC					630VDC				
	Wmax	Hmax	Tmax	P ± 1.0	d ± 0.05	Wmax	Hmax	Tmax	P ± 1.0	d ± 0.05
0.1	13	9.0	4.5	10	0.6	13	10.5	6.0	10	0.6
0.22	13	12.5	6.5	10	0.6	13	13	8.5	10	0.6
0.33	13	13	7.0	10	0.6	13	15.5	9.5	10	0.6
0.47	13	17	7.0	10	0.6	13	18	10.5	10	0.6
0.47	18	13	6	15	0.8	18	15.5	7.5	15	0.8
0.56	13	17.5	7.5	10	0.6	13	20	10.5	10	0.6
0.56	18	13	7.0	15	0.8	18	16	8.0	15	0.8
0.68	13	18.5	8.0	10	0.6	13	21	11.5	10	0.6
0.68	18	15	7.0	15	0.8	18	18	8.5	15	0.8
1.0	13	20.5	11	10	0.8	13	23.5	13.5	10	0.8
1.0	18	17.5	8.0	15	0.8	18	19.5	10	15	0.8
1.5	13	23	13.5	10	0.8	18	22	12.5	15	0.8
1.5	18	19	9.5	15	0.8	23	19.5	10	20	0.8
2.2	18	21	11.5	15	0.8	23	22	12.5	20	0.8
2.2	23	19	9.5	20	0.8					

Remark: Special needs can be designed according to customer requirements