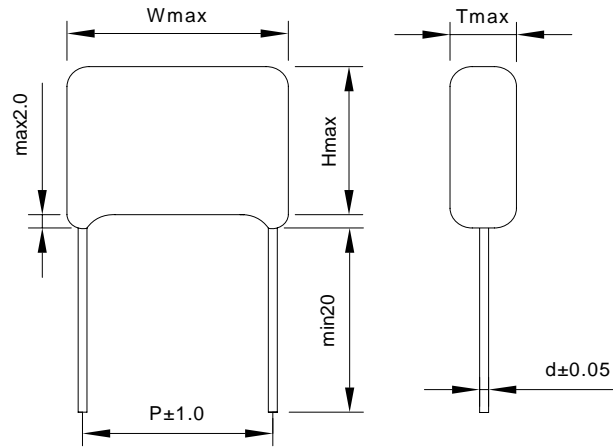




金属化聚酯薄膜电容器 METF



●特征及用途:

- 1.安全膜设计 ,体积小
- 2.电容器故障不会着火冒烟呈开路状
- 3.低噪音, 26db(max) 60Hz
- 4.电子类产品(电源供应器,显示器,照明镇流器等)
- 5.电源整流后滤波回路
- 6.电源 PFC 回路
- 7.低频率使用 50KHz 以下

■ 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 | | | | | |
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备注：特殊需要可根据客户要求另行设计