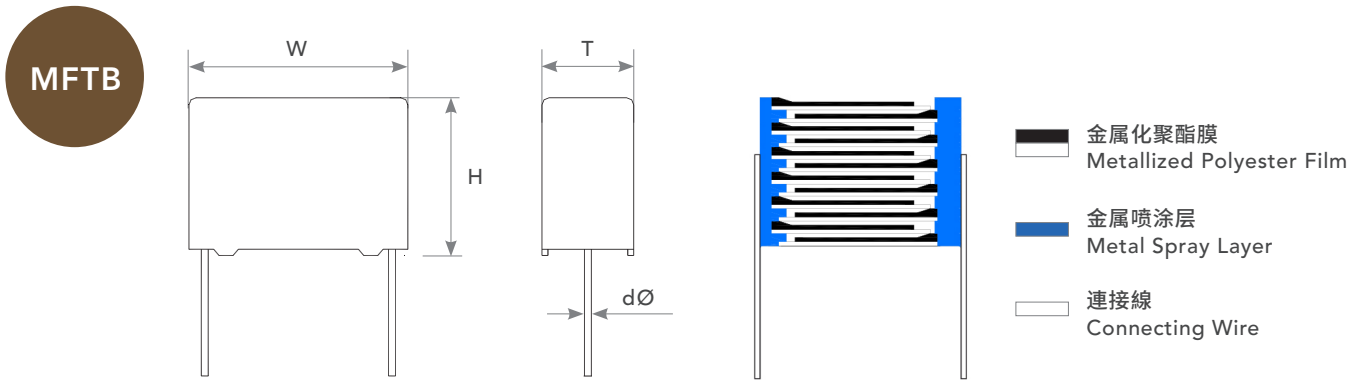


金属化聚酯薄膜电容器(MFTB)

METALLIZED POLYESTER FILM CAPACITOR-RADIAL (MFTB)



结构 Construction:

- 电介质: 金属化聚酯薄膜
Dielectric: Metallized Polyester Film
- 绕卷: 无感式
Winding: non-inductive type
- 导线: 镀锡线
Leads: Tinned Wire
- 外层: 阻燃塑胶外壳, 环氧树脂填充
Outer Coating: Flame retarding plastic case and epoxy filled

特点 Feature:

- 良好的自愈性
Self-healing property
- 安全薄膜结构
Safe-film construction
- 材料符合ROHS
Materials conform to ROHS
- 小型化
Ultra-miniature size

推荐应用 Recommended Application:

- 功率因素校正(PFC)使用
Power factor correction(PFC)usage

电气特性 Electrical Characteristics:

引用标准 Related Documents	IEC 60384-2
额定电压 Rated Voltage	450VDC, 630VDC
额定温度 Rated Temperature	-40°C ~ +85°C
最大运行温度 Usable Upper Category Temperature	+110°C (Derating ratio of rated voltage to +85°C ~ +110°C: 1.5% per °C for Rated Voltage)
容量范围 Capacitance Range	0.022μF ~ 2.2μF
容量误差 Capacitance Tolerance	±5% (J), ±10% (K)
损耗角正切 Dissipation Factor	1.0 % (max.) at 1KHz 1.6 % (max.) at 10KHz
绝缘电阻 Insulation Resistance	Terminal to Terminal: (at 20°C±5°C), Voltage charge: 100VDC × 1 minute ≥ 9000MΩ for C ≤ 0.33μF ≥ 3000MΩ × μF for C > 0.33μF
耐压 Withstand Voltage	Terminal to Terminal: (at 20°C±5°C) 1.6 × V _R applied for 2sec. (cut off current 10mA)

额定电压 脉冲斜率 dV/dt (V/ μ s) Rated Voltage Pulse Slope dV/dt (V/ μ s)	Pitch V_R	10 mm	15 mm	22.5 mm
	450VDC	110	45	20
	630VDC	160	65	30

Cap. (μ F) | 标准单位 (Size unit): mm

R.V.	450VDC / 200VAC					
Size Cap (μ F)	W ± 0.3	H ± 0.3	T ± 0.3	P	d ϕ ± 0.05	料号 Part Number
0.1	13	9	4	10	0.6	MFTB104*0450DB*10*
0.15	13	10	5	10	0.6	MFTB154*0450DB*10*
0.18	13	11	5	10	0.6	MFTB184*0450DB*10*
0.22	13	12	6	10	0.6	MFTB224*0450DB*10*
0.33	13	13	7	10	0.6	MFTB334*0450DB*10*
0.1	18	11	5	15	0.8	MFTB104*0450DB*15*
0.22	18	11	5	15	0.8	MFTB224*0450DB*15*
0.33	18	11	5	15	0.8	MFTB334*0450DB*15*
0.47	18	12	6	15	0.8	MFTB474*0450DB*15*
0.56	18	13	7	15	0.8	MFTB564*0450DB*15*
0.68	18	13.5	7.5	15	0.8	MFTB684*0450DB*15*
1.0	18	17.5	7.5	15	0.8	MFTB105*0450DB*15*
1.5	18	18	10	15	0.8	MFTB155*0450DB*15*
1.5	26	18.5	8.5	22.5	0.8	MFTB155*0450DB*22*
2.2	26	20	11	22.5	0.8	MFTB225*0450DB*22*

R.V.	630VDC / 220VAC					
Size Cap (μ F)	W ± 0.3	H ± 0.3	T ± 0.3	P	d ϕ ± 0.05	料号 Part Number
0.022	13	9	4	10	0.6	MFTB223*0630DB*10*
0.033	13	9	4.5	10	0.6	MFTB333*0630DB*10*
0.047	13	11	5	10	0.6	MFTB473*0630DB*10*
0.068	13	12	6	10	0.6	MFTB683*0630DB*10*
0.1	13	12	7	10	0.6	MFTB104*0630DB*10*
0.1	18	11	5	15	0.8	MFTB104*0630DB*15*
0.15	18	12	6	15	0.8	MFTB154*0630DB*15*
0.22	18	13	7	15	0.8	MFTB224*0630DB*15*
0.33	18	15.5	8	15	0.8	MFTB334*0630DB*15*
0.47	18	18	10	15	0.8	MFTB474*0630DB*15*
0.68	18	21	12	15	0.8	MFTB684*0630DB*15*
0.47	26	15	7.5	22.5	0.8	MFTB474*0630DB*22*
0.68	26	18.5	8.5	22.5	0.8	MFTB684*0630DB*22*
1	26	21	10	22.5	0.8	MFTB105*0630DB*22*
1.5	26	24	13.5	22.5	0.8	MFTB155*0630DB*22*