

介紹 DESCRIPTION

The MPT is non-inductively wound using a metallized polypropylene film dielectric/electrode with axial leads and Wrapped in flame-retardant tape and sealed with a moisture resistant epoxy resin at both ends.

MPT 為無感電容，以金屬化聚丙烯薄膜捲繞，包裹於麥拉膠帶中，點焊鍍錫軸向引線於兩端，再以環氧樹脂包封兩端。

特性 FEATURE

- Self-healing, characteristics provide stability and moisture resistant.
- Excellent for high frequency applications.
- Small size, light weight and high capacitance value available.
- Low dissipation factor and high insulation resistance
- 自癒性高、穩定度高、防潮性佳
- 適用於高頻應用
- 體積小、重量輕、高電容值
- 低損耗及高絕緣電阻



用途 APPLICATION

- Widely used in automatic control system and communication equipment :
- Suitable for charging/discharging, lighting, noise suppression and frequency modulation.
- Timing, integrating, filter, pulse and high frequency application.
- 廣泛用於自動控制系統及通信設備：
- 適用於充電/放電、照明、抑制雜訊及頻率調制
- 定時、整合、濾波、脈衝及高頻應用

規格 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-16 ; GB 10190-1988
溫度範圍 Temperature Range	-40°C ~ + 85°C 85°C 至 105°C 之間以1.25%/°C遞減電壓 From 85°C up to 105°C with derating voltage 1.25%/°C.
電容誤差 Capacitance Tolerance	M = ± 20%, K = ± 10%, J = ± 5%
散逸因素 Dissipation Factor(DF)	DF ≤ 1.0% (at 20°C ,1KHz)
耐電壓 Voltage Proof	1.6 * U _R (1 minute at 20°C)
絕緣電阻 Insulation Resistance(IR)	C ≤ 0.33μF, IR ≥ 9000MΩ C > 0.33μF, IR * C ≥ 3000MΩ (1 minute at 20°C and RH ≤ 65%)
耐久度 Endurance	1000 hours with 125% of rated voltage at 85°C after the test. 85°C條件下，125%之額定電壓 1000 小時，試驗完成後： ΔC/C ≤ 5%, Δ(DF) ≤ 0.20% (20°C, 1KHz)

尺寸可依需求製作 Size(L x H x T) can be adjusted to meet customers special requirement.