

樹脂外装メタライズドポリエステルフィルムコンデンサ

Resin Coated Metallized Polyester Film Capacitor

MDD SERIES

一般電子機器用 5, 7.5 mmピッチ

- 誘電体にメタライズドポリエステルフィルムを用いた、無誘導巻き構造
- 難燃性エポキシ樹脂外装 (UL94V-0)
- リードピッチを 5.0 mm 及び 7.5 mm に統一

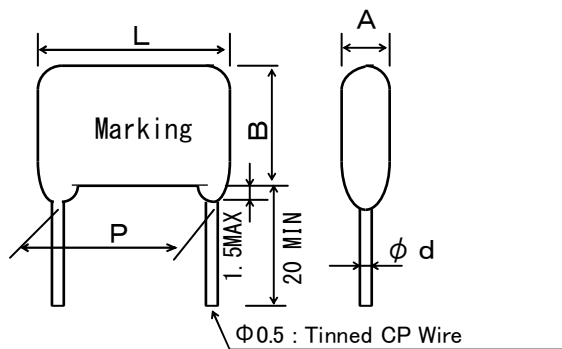
For use in general electronics

- MDD series has non-inductive construction of metallized polyester film.
- Flame retardant epoxy resin (UL94V-0) coating type
- All lead pitch dimensions are 5 mm or 7.5 mm

性能 Performance

項目 Item	性能 Performance
使用温度範囲 Temperature range	-40~+105°C (+85°Cを超える時は電圧軽減必要) Derate the operating voltage if operating temperature is higher than +85°C.
定格電圧範囲 Rated Voltage (U_R)	50V _{DC} (1H), 63V _{DC} (1J), 100V _{DC} (2A), 250V _{DC} (2E)
静電容量範囲 Capacitance range	0.01~ 2.2 μ F
静電容量許容差 Capacitance tolerance	±10%(K)
耐電圧 Withstanding voltage	端子相互間: $U_R \times 1.5(V_{DC})$ for 1 min Between terminals : 端子外装間: $U_R \times 2(V_{DC})$ for 1~5sec Between terminals and enclosure :
絶縁抵抗 Insulation resistance (IR)	$C \leq 0.33 \mu F$: $\geq 9000 M\Omega$ (100V _{DC} for 1min/ 50V,63V : 50V _{DC} for 1min) $C > 0.33 \mu F$: $\geq 3000 \Omega \cdot F$ (100V _{DC} for 1min/ 50V,63V : 50V _{DC} for 1min)
誘電正接 $\tan \delta$	≤ 0.01 (1kHz)

外形図 Component outline



表示例 Marking example

105 **N**

1H

: 管理記号
Control code

形名の構成例 / Type designation

MDD 2 1H 334 K 7.5 -

