

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 Metalized Polyester Film Capacitors

MDD SERIES

1250VDC(500VAC)高電圧品

- 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)
- 雑音防止用として、アクロス ザ ライン および ラインバイパス に使用する際の電気用品安全法の耐電圧性能を満足致します。

High Voltage

- MDD series has non-inductive construction of metalized polyester film.
- Flame retardant epoxy resin (UL94V-0) coating type
- The withstanding voltage of this series is conformed to The Electrical Appliance and Material Control Laws when they are used for Across-the-line or Line-Bypass in electric equipments for noise suppression.

性能 Performance

項目 Item	性能 Performance
使用温度範囲 Temperature range	-40~+85°C (+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)	1250V _{DC} (500V _{AC})
静電容量範囲 Capacitance range	0.0022~ 0.1 μF
静電容量許容差 Capacitance tolerance	±20%(M), ±10%(K)
耐電圧 Withstanding voltage	端子相互間: 1875V _{DC} or 1500V _{AC} for 1 min Between terminals : 端子外装間: 1500V _{AC} for 1 min Between terminals and enclosure :
絶縁抵抗 Insulation resistance (IR)	端子相互間: ≥9000MΩ (500V _{DC} for 1min) Between terminals : 端子外装間: ≥1500MΩ (500V _{DC} for 1min) Between terminals and enclosure:
誘電正接 tan δ	≤0.01 (1kHz)

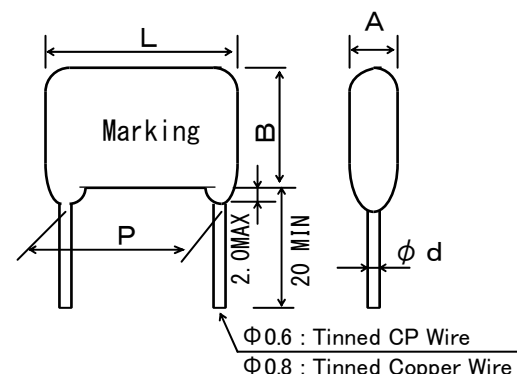
表示例 Marking example

3B104 *N*

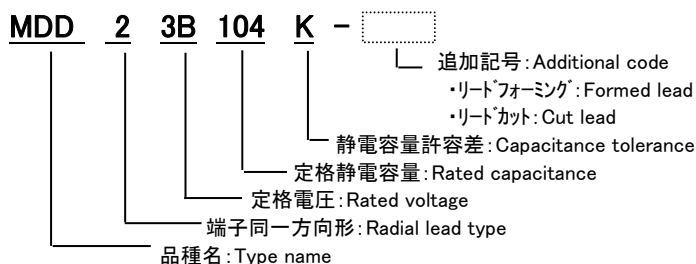
2H~

: 管理記号
Control code

外形図 Component outline



形名の構成例 Type designation



定格寸法表 (High Voltage MDD) Standard dimensions (mm)

Part cord	Rated voltage	Capacitance (μF)	Tolerance (%)	A max	B max	L max	P ±1.5	φd	Permissible current	Taping
									Iop (A)	PCS/Package
MDD23B222M	1250V _{DC} (500V _{AC})	0.0022	±20	5.0	11.0	17.5	14.0	0.6	0.52	No Taping
MDD23B332M		0.0033		6.0	11.0	17.5	14.0	0.6	0.78	
MDD23B472M		0.0047		6.5	12.0	17.5	14.0	0.6	1.1	
MDD23B682M		0.0068		7.5	13.5	17.5	14.0	0.6	1.6	
MDD23B103M		0.01		7.0	13.5	19.5	16.5	0.6	1.6	
MDD23B153M		0.015		8.0	16.0	19.5	16.5	0.6	2.4	
MDD23B223K		0.022	±10	7.5	14.0	26.0	22.5	0.8	1.7	
MDD23B333K		0.033		8.5	16.5	26.0	22.5	0.8	2.6	
MDD23B473K		0.047		9.0	19.0	26.0	22.5	0.8	3.7	
MDD23B683K		0.068		11.0	21.0	26.0	22.5	0.8	5.4	
MDD23B104K		0.1		11.5	23.0	31.0	27.5	0.8	5.6	

周波数別許容実効電流値
 Permissible current vs. Frequency
 MDD 1250VDC(500VAC)

