

BEAD FOR DIGITAL AUDIO AMPLIFIER 数字功放专用阻抗元件

DPM 系列

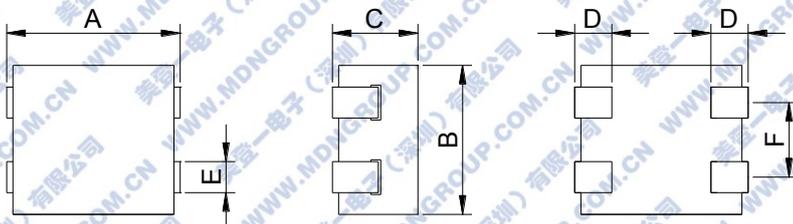
FEATURES

- Use flat wire in it and could endure higher current.
- The DPM series are dedicated impedance components designed to reduce the total cost of peripheral components of digital audio power amplifier and reduce the number of components. Low strain rate (THD + n) can be achieved by optimizing material and structure. The same distortion rate (THD + n) as LC filter (dpm02) is obtained. Because of the large current allowed, it can be used in about 30W power amplifier without filter.

APPLICATIONS

- Suitable for digital TV, entertainment equipment, audio equipment and other digital amplifier filter.
- Countermeasures for complying with CE, FCC, VDE or VCCL radiated emissions.

DIMENSIONS (mm) AND SHAPES



A(±0.3)	B(±0.2)	C(±0.2)	D(±0.2)	E(±0.2)	F(±0.2)
7.0	6.0	3.5	1.3	1.25	3.0

ELECTRICAL CHARACTERISTICS

PART NO.	IMPEDANCE (Ω) @100MHz	DC RESISTANCE Max (m Ω)	RATED CURRENT Typ (A)	RATED VOLTAGE Typ (V)
DPM02	65 ± 25%	5	5	30
DPM03	100 ± 25%	5	5	30

特 征

- 使用扁平线能承受更高的电流；
- DPM 系列是专用的阻抗元件，旨在降低数字音频功率放大器外围部件的总成本并减少部件数量。通过优化材料和结构，可实现低应变速率(THD + N)。获得与 LC 滤波器(DPM02)相同的失真率 (THD + N)。由于允许的电流很大，因此可用于约 30W 的无滤波器功率放大器。

用 途

- 适用于数字电视，娱乐设备和音频设备等数字放大器的滤波器等。
- 符合 CE、FCC、VDE 或 VCCL 放射性排放的对策。

