

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFD1521A 系列

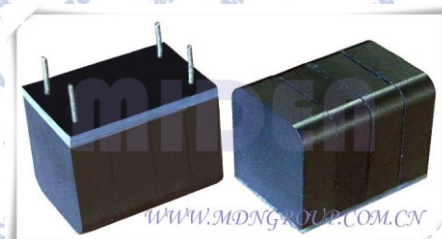
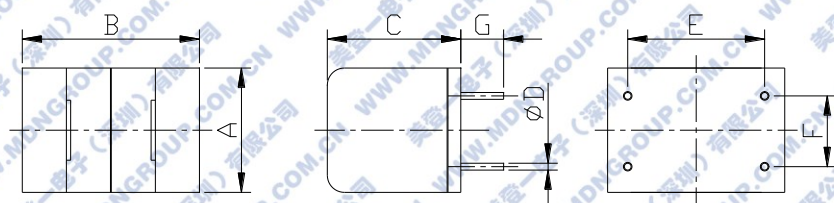
FEATURES

- Low radiation noise by magnetically shielded construction.
- Super high current, Low resistance.
- The optimal design realizes high quality sound and low distortion.
- Space reduction is realized by 2 in 1 construction.

APPLICATIONS

- Suitable as choke for digital amp. Car audio, LCD and PDP TV, 5.1ch Home theater, etc.

DIMENSIONS (mm) AND SHAPES



特 征

- 闭磁路封装，低辐射；
- 超大的额定电流，低直流电阻；
- 高音质低失真的最佳设计；
- 二合一的结构缩小空间。

用 途

- 适用于数字功放扼流。如汽车音响，LCD 电视和 PDP 电视，5.1 声道家庭影院等。

TYPE	A $\pm$ 0.5	B Max	C Max	D $\pm$ 0.1	E $\pm$ 0.5	I $\pm$ 0.5	G $\pm$ 1.0
HPFD1521A-100	14.5	21.5	16.0	0.90	16.5	8.5	4.0
HPFD1521A-150	14.5	21.5	16.0	0.80	16.5	8.5	4.0
HPFD1521A-220	14.5	21.5	16.0	0.70	16.5	8.5	4.0
HPFD1521A-330	14.5	21.5	16.0	0.70	16.5	8.5	4.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μ H) $\pm$ 20%	DC resistance (m Ω)max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPFD1521A-100	10	11.0	14.0	7.7
HPFD1521A-150	15	16.0	12.5	6.4
HPFD1521A-220	22	26.0	10.0	5.5
HPFD1521A-330	33	33.0	8.5	5.0

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HPFD1521N 系列

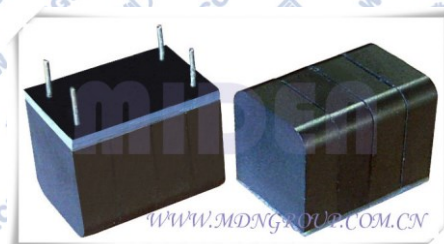
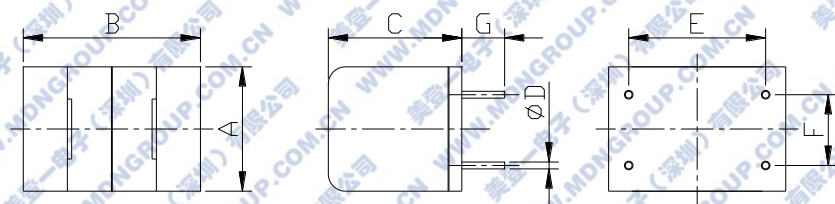
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TYPE	A $\pm$ 0.5	B Max	C Max	D $\pm$ 0.1	E $\pm$ 0.5	F $\pm$ 0.5	G $\pm$ 1.0
HPFD1521N-100	14.0	21.5	16.0	0.90	15.5	8.5	4.0
HPFD1521N-150	14.0	21.5	16.0	0.80	15.5	8.5	4.0
HPFD1521N-220	14.0	21.5	16.0	0.70	15.5	8.5	4.0
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