

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFD1516A 系列

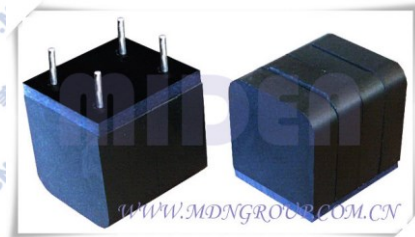
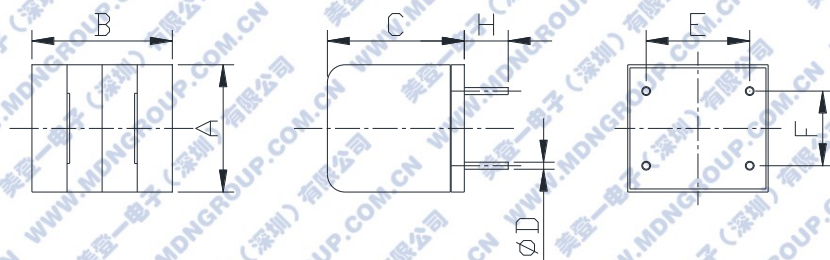
FEATURES

- 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；
- 高品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±0.5	B±0.8	C max	D±0.1	E±0.5	F±0.5	G±0.5	H±1.0
HPFD1516A-	14.0	16.0	16.0	-	10.2	8.5	-	4.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH)±20%	DC resistance (mΩ)max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max	Dimension D(mm)
HPFD1516A-100	10	11.0	11.0	7.0	0.8
HPFD1516A-150	15	16.5	8.4	5.4	0.7
HPFD1516A-220	22	18.0	6.2	5.1	0.7
HPFD1516A-330	33	22.0	5.5	4.5	0.6

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFD1516B 系列

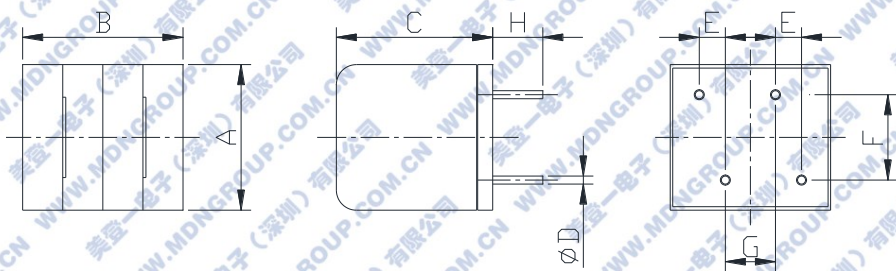
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DIMENSIONS (mm) AND SHAPES



TYPE	A \pm 0.5	B \pm 0.8	C Max	D \pm 0.1	E \pm 0.5	F \pm 0.5	G \pm 0.5	H \pm 1.0
HPFD1516B-	14.0	16.0	16.0	-	2.6	8.5	5.0	4.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μ H) \pm 20%	DC resistance ($m \Omega$) max	DC saturation allowable current (A) max	Temperature rise allowable current (A) max	Dimension D(mm)
HPFD1516B-100	10	11.0	11.0	7.0	0.8
HPFD1516B-150	15	16.5	8.4	5.4	0.7
HPFD1516B-220	22	18.0	6.2	5.1	0.7
HPFD1516B-330	33	22.0	5.5	4.5	0.6

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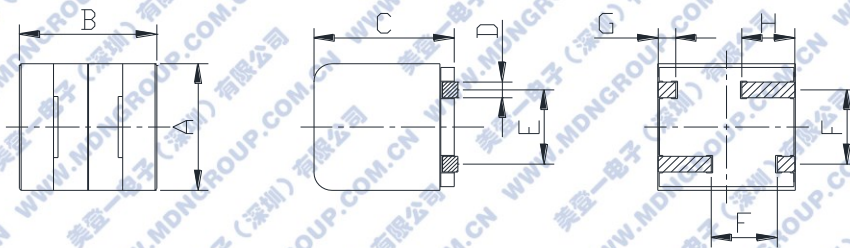
FEATURES

- Compact size using flat wire, SMD type.
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DIMENSIONS (mm) AND SHAPES



TYPE	A ±0.5	B ±0.8	C max	D ±0.1	E ±0.5	F ref	G ref	H ref
HPFD1516T-	14.0	16.0	16.0	1.8	8.5	7.2	2.0	6.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ±25%	DC resistance (mΩ) ±30%	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPFD1516T-7R0	7.0	5.5	12.5	10.0
HPFD1516T-100	10	7.2	11.0	9.0
HPFD1516T-150	15	10.0	8.4	8.0
HPFD1516T-220	22	10.8	6.2	6.0

特 征

- 扁平线小尺寸，贴片类型；
- 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

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