

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFD1416A 系列

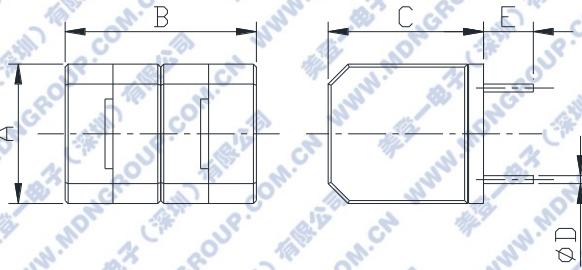
FEATURES

- 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 \pm 0.8	C max	D ref	E \pm 1.0	F \pm 0.5	G \pm 0.5	H \pm 0.5
HPFD1416A-100	14.0	19.8	16.0	0.80	5.0	8.5	4.5	5.2
HPFD1416A-150	14.0	19.8	16.0	0.80	5.0	8.5	4.5	5.2
HPFD1416A-220	14.0	19.8	16.0	0.70	5.0	8.5	4.5	5.2
HPFD1416A-330	14.0	19.8	16.0	0.65	5.0	8.5	4.5	5.2

ELECTRICAL CHARACTERISTICS

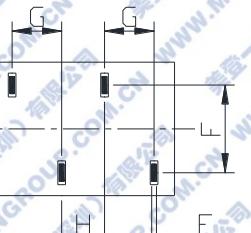
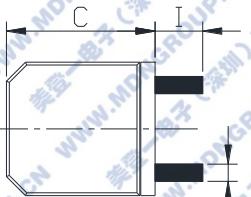
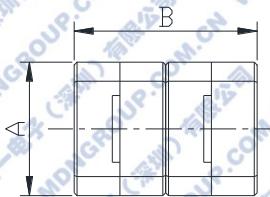
TYPE	Inductance (μ H) \pm 20%	DC resistance ($m\Omega$)max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPFD1416A-100	10	15.0	11.5	7.0
HPFD1416A-150	15	18.0	10.0	6.0
HPFD1416A-220	22	20.0	8.0	5.5
HPFD1416A-330	33	28.0	5.5	5.0

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感**HPFD1416C 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

TYPE	A±0.5	B±0.8	C max	D±0.2	E±0.1	F±0.5	G±0.5	H±1.0	I±0.5
HPFD1416C-100	14.0	19.8	16.0	1.80	0.50	9.2	5.2	4.5	4.0
HPFD1416C-120	14.0	19.8	16.0	1.80	0.50	9.2	5.2	4.5	4.0
HPFD1416C-150	14.0	19.8	16.0	1.80	0.35	9.2	5.2	4.5	4.0
HPFD1416C-220	14.0	19.8	16.0	1.80	0.35	9.2	5.2	4.5	4.0
HPFD1416C-330	14.0	19.8	16.0	1.80	0.35	9.2	5.2	4.5	4.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH)±20%	DC resistance (m Ω)max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPFD1416C-100	10	8.0(5.8)	15	10
HPFD1416C-120	12	9.0(6.5)	13	9
HPFD1416C-150	15	13.0(9.9)	12	8
HPFD1416C-220	22	16.0(12.0)	10	7
HPFD1416C-330	33	20.0(16.2)	9	5