

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFD0808B 系列

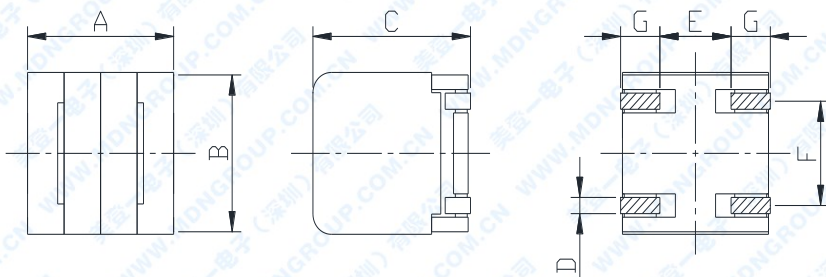
FEATURES

- Compact size using flat wire, SMD type.
- 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 \pm 0.5	B \pm 0.5	C max	D \pm 0.3	E ref	F ref	G ref
HPFD0808B-	8.0	8.0	9.0	0.8	4.4	5.0	1.8

ELECTRICAL CHARACTERISTICS

TYPE	Inductance @100KHz/0.25V (μ H)	DC resistance ($m\Omega$)Max	DC saturation allowable current (A)Typ.	Temperature rise allowable current (A)Typ.
HPFD0808B-4R8	4.8 \pm 30%	22.0	6.2	3.6
HPFD0808B-8R0	8.0 \pm 30%	36.0	5.0	2.9
HPFD0808B-100	10.0 \pm 20%	40.0	4.3	2.7
HPFD0808B-150	15.0 \pm 20%	54.0	3.6	2.3
HPFD0808B-220	22.0 \pm 20%	90.0	3.0	1.8

Remark : DC saturation current: Value of inductance decrease within 20%.

Temperature rise current: A rise in temperature of core surface is within 40°C.

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。

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPID0910B 系列

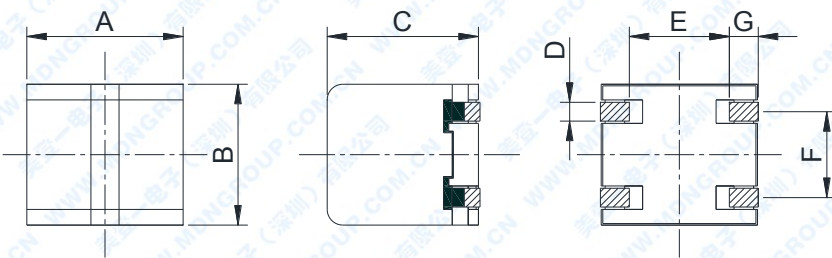
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DIMENSIONS (mm) AND SHAPES



TYPE	A \pm 0.8	B \pm 0.8	C max	D ref	E ref	F ref	G ref
HPID0910B-	10.0	9.0	10.0	1.2	6.2	5.5	1.9

ELECTRICAL CHARACTERISTICS

TYPE	Inductance @100KHz/0.25V (μ H) \pm 25%	DC resistance ($m\Omega$)max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPID0910B-3R3	3.3	11.5	8.1	4.8
HPID0910B-8R2	8.2	18.0	5.2	4.0
HPID0910B-100	10	22.0	5.0	3.9
HPID0910B-120	12	25.0	4.3	3.4
HPID0910B-150	15	44.0	4.1	2.8
HPID0910B-220	22	52.0	3.2	2.5

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HPFD0910B 系列

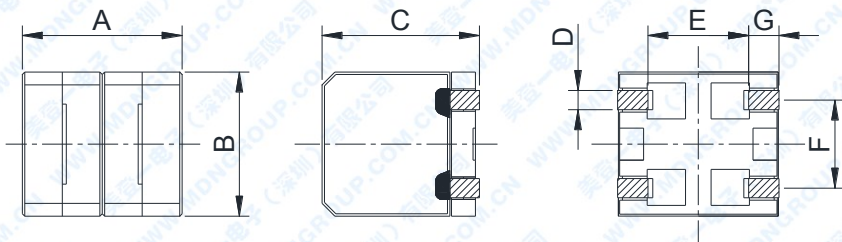
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DIMENSIONS (mm) AND SHAPES



TYPE	A \pm 0.8	B \pm 0.8	C max	D ref	E ref	F ref	G ref
HPFD0910B-	10.0	9.0	10.0	1.2	6.2	5.5	1.9

ELECTRICAL CHARACTERISTICS

TYPE	Inductance @100KHz/0.25V (μ H) \pm 25%	DC resistance (m Ω)max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
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HPFD0910B-100	10	22.0	5.0	3.9
HPFD0910B-120	12	25.0	4.3	3.4
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HPFD0910B-220	22	52.0	3.2	2.5

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POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFD1010B 系列

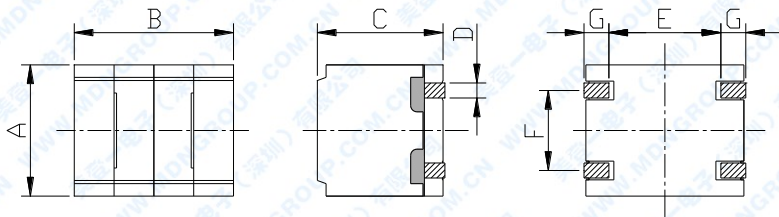
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ELECTRICAL CHARACTERISTICS

TYPE	Inductance @100KHz/0.25V (uH) ± 25%	DC resistance (m Ω) max	DC saturation allowable current (A) max	Temperature rise allowable current (A) max
HPFD1010C-100	10	25	8.5	3.7
HPFD1010B-100	10	18	7.1	4.2
HPFD1010B-120	12	20	6.0	4.0
HPFD1010B-150	15	23	5.3	3.8
HPFD1010B-220	22	38	4.3	3.5

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