

## POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

## HPFD0808B 系列

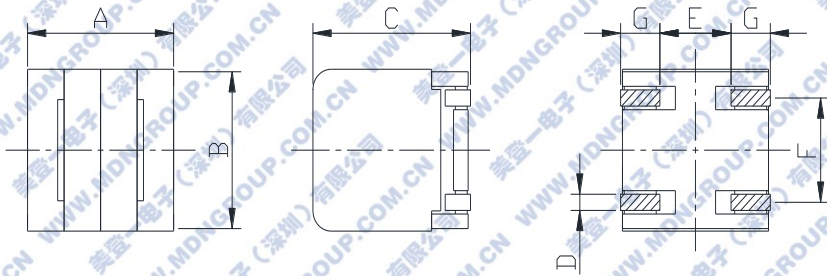
## FEATURES

- 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



## 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。

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 (uH) $\pm$ 25%	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