

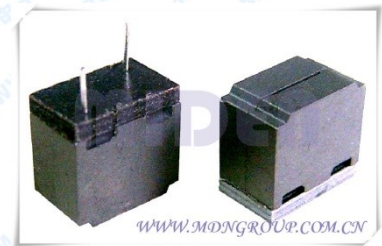
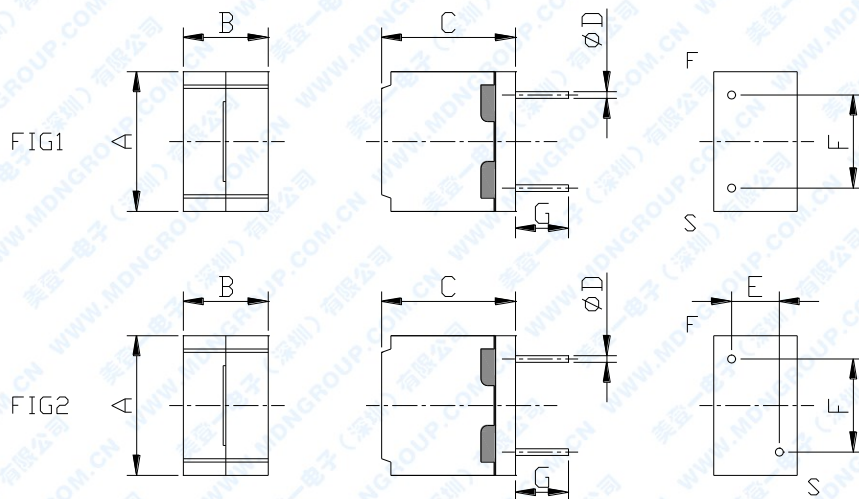
## FEATURES

- Low radiation noise by magnetically shielded construction.
- Super high current, Low resistance.
- The optimal design realizes high quality sound and low distortion.

## APPLICATIONS

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

## DIMENSIONS (mm) AND SHAPES



TYPE	A±0.3	B±0.5	C Max	D±0.1	E±0.1	F±0.5	G±0.5	FIG NO.
HPFS1010AS-	10.5	6.4	10.5	*	-	7.0	4.0	1
HPFS1010A-	10.5	6.4	10.5	*	4.0	7.0	4.0	2

## ELECTRICAL CHARACTERISTICS

TYPE	Inductance @1KHz/0.25V (uH) ± 20%	DC resistance (mΩ) max	IsAT (A) max	I <sub>RMS</sub> (A) max	Dimension D(mm)
HPFS1010AS-100M	10	18.0	7.5	5.0	0.60
HPFS1010AS-120M	12	25.0	6.0	4.8	0.50
HPFS1010AS-150M	15	30.0	5.3	4.5	0.45
HPFS1010A-180M	18	35.0	4.8	4.5	0.45
HPFS1010A-220M	22	45.0	4.3	4.0	0.40

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

- 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；

## 用 途

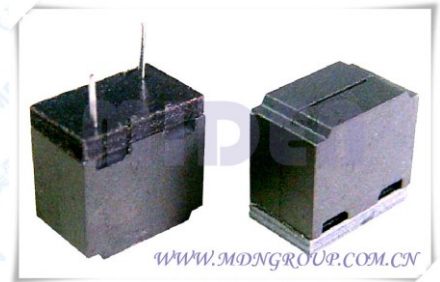
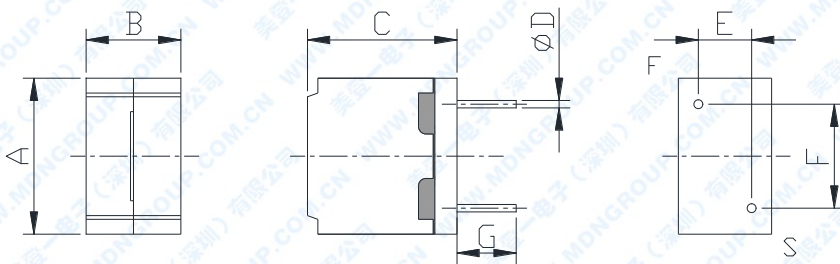
- 适用于 D 类数字功放。如汽车音响，LCD 电视和 PDP 电视，5.1 声道家庭影院等。

**POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感****HPFS1010AG 系列****FEATURES**

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TYPE	A $\pm$ 0.3	B $\pm$ 0.5	C Max	D $\pm$ 0.1	E $\pm$ 0.5	F $\pm$ 0.5	G Ref
HPFS1010AG-	10.5	6.4	10.5	0.60	4.0	7.0	4.0

**ELECTRICAL CHARACTERISTICS**

TYPE	Inductance (uH) $\pm$ 20%	DC resistance (m $\Omega$ )max	IsAT (A)max	Irms (A)max
HPFS1010AG-100M	10	20.5(17.5)	7.5	4.5
HPFS1010AG-120M	12	20.5(17.5)	6.5	4.5
HPFS1010AG-150M	15	20.5(17.5)	5.0	4.5
HPFS1010AG-220M	22	20.5(17.5)	3.5	4.5
HPFS1010AG-330M	33	20.5(17.5)	2.0	4.5