

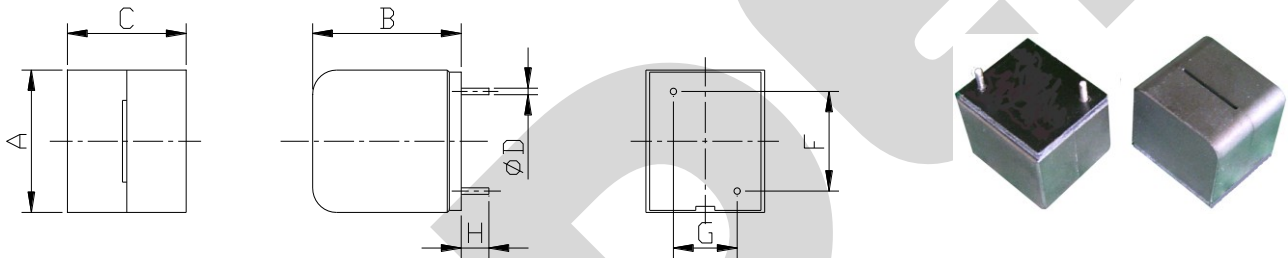
## FEATURES

- Compact size using flat wire, DIP type.
- Low radiation noise by magnetically shielded construction.
- Super high current, Low resistance.
- Wide frequency range: ~1MHz.
- 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 SHAPE



## 特 征

- 扁平线小尺寸，插件类型；
- 闭磁路封装，低辐射；
- 超大的额定电流，低直流电阻；
- 较宽频率应用范围；
- 高音质低失真的最佳设计。

## 用 途

- 适用于超大数字功放扼流。如汽车音响，LCD 电视和 PDP 电视，5.1 声道家庭影院等。

TYPE	Amm (±0.5)	Bmm (max)	Cmm (±0.5)	Dmm (±0.1)	Emm	Fmm (±0.5)	Gmm (±0.5)	Hmm (±0.5)
HPFS1719A-100	17.5	19.3	15.0	1.0		12.5	8.5	5.0
HPFS1719A-150	17.5	19.3	15.0	1.0		12.5	8.5	5.0
HPFS1719A-220	17.5	19.3	15.0	0.8		12.5	8.5	5.0
HPFS1719A-330	17.5	19.3	15.0	0.7		12.5	8.5	5.0
HPFS1719A-470	17.5	19.3	15.0	0.6		12.5	8.5	5.0

## ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH) ± 20%	DC resistance (mΩ) ± 15%	Rated DC current (A)max	Allowable current (A)max
HPFS1719A-100	10	7.0	22.0	10.0
HPFS1719A-150	15	7.8	18.0	9.0
HPFS1719A-220	22	15.0	14.0	6.5
HPFS1719A-330	33	22.8	12.0	6.0
HPFS1719A-470	47	34.0	8.0	5.0

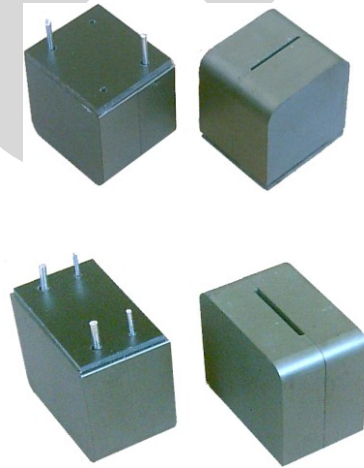
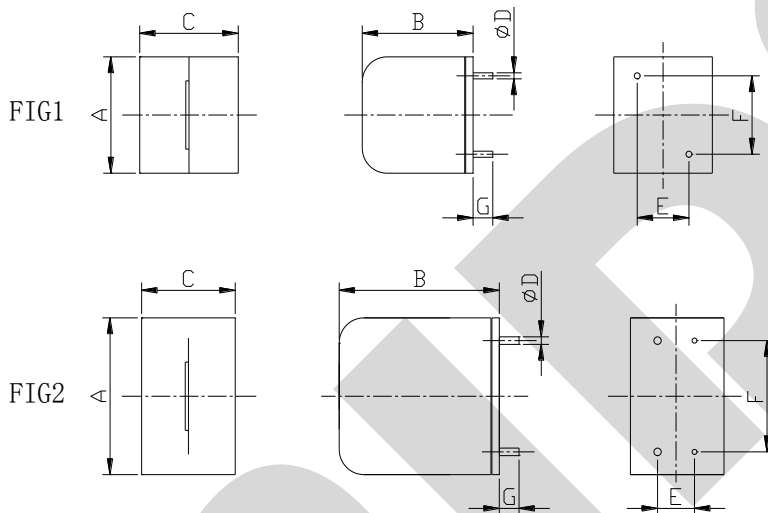
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TYPE	A	B	C	D	E	F	G	H	FIG.
HPFS2023A	23.0	23.0max	20.0	---	10.5	15.5	3.5		1
HPFS1931A	31.0	33.0max	19.0	---	7.5	22.0	4.5		2

Notes: "D" size with inductance change.

## ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH)±20%	DC resistance (mΩ)±15%	Rated DC current (A)max	Allowable current (A)max
HPFS2023A-100	10	3.8	36	12
HPFS2023A-150	15	4.2	30	12
HPFS2023A-220	22	8.1	18.5	10
HPFS2023A-330	33	13.1	12	10
HPFS1931A-100	10	4.0	>50	18
HPFS1931A-150	15	4.5	40	15
HPFS1931A-220	22	5.6	31	12
HPFS1931A-330	33	8.2	25	10

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