

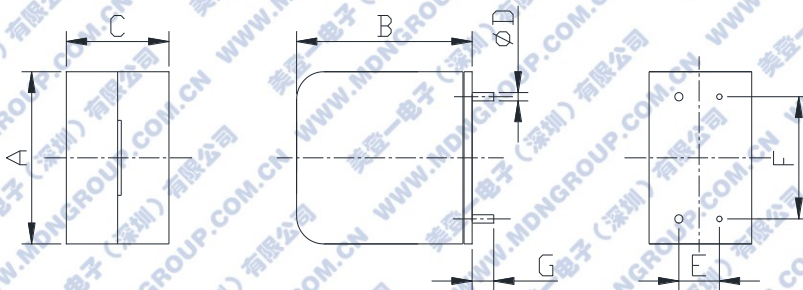
FEATURES

- 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 ±0.8	B max	C ±0.5	D	E ±0.5	F ±0.5	G ±1.0
HPFS1931A-100M	31.0	33.0	19.0	1.80	7.5	22.0	5.0
HPFS1931A-150M	31.0	33.0	19.0	1.60	7.5	22.0	5.0
HPFS1931A-220M	31.0	33.0	19.0	1.60	7.5	22.0	5.0
HPFS1931A-330M	31.0	33.0	19.0	1.40	7.5	22.0	5.0
HPFS1931A-470M	31.0	33.0	19.0	1.20	7.5	22.0	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH)±20%	DC resistance (mΩ) Max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPFS1931A-100M	10	5.4(4.0)	>50	20
HPFS1931A-150M	15	6.0(4.5)	40	18
HPFS1931A-220M	22	6.9(5.6)	33	16
HPFS1931A-330M	33	11.0(8.2)	26	12
HPFS1931A-470M	47	18.0(14.0)	22	11

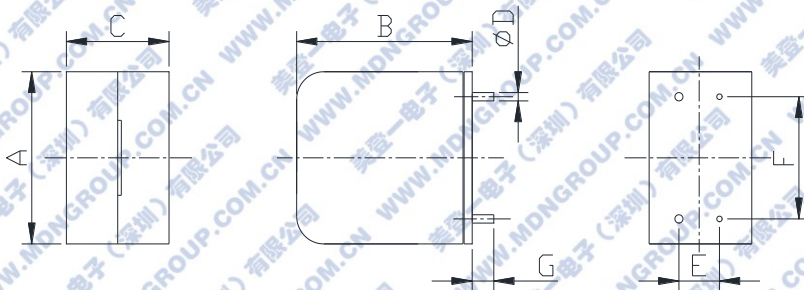
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DIMENSIONS (mm) AND SHAPE



TYPE	A ±0.8	B max	C ±0.5	D	E ±0.5	F ±0.5	G ±1.0
HPFS1931S-	31.0	33.0	19.0	1.60	7.5	22.0	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (uH)±20%	DC resistance (mΩ) Max	DC saturation allowable current (A)max	Temperature rise allowable current (A)max
HPFS1931S-5R6M	5.6	2.6	65	28
HPFS1931S-8R2M	8.0	3.1	62	26
HPFS1931S-100M	10	6.9	61	16
HPFS1931S-120M	12	6.9	53	16
HPFS1931S-150M	15	6.9	47	16
HPFS1931S-180M	18	6.9	36	16
HPFS1931S-220M	22	6.9	33	16
HPFS1931S-330M	33	6.9	22	16
HPFS1931S-470M	47	6.9	18	16

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