

POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

HPFZ2522A 系列

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.

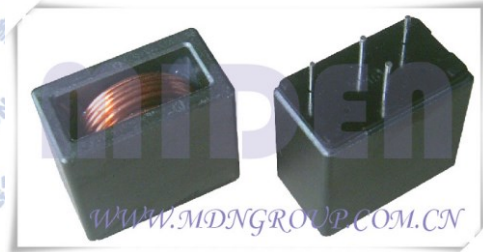
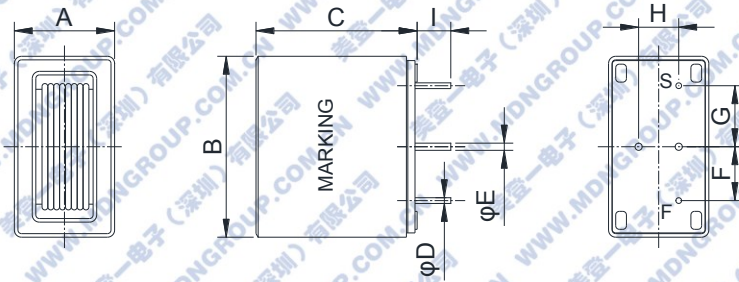
特 征

- 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。

DIMENSIONS (mm) AND SHAPES



TYPE	A \pm 0.5	B \pm 0.8	C Max	D \pm 0.1	E \pm 0.1	F \pm 0.3	G \pm 0.3	H \pm 0.3	I \pm 0.5
HPFZ2522A-	14.0	25.2	23.0	-	1.0	7.5	8.5	5.6	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μ H) \pm 20%	DC resistance (m Ω) Max	I _{SAT} (A)max	I _{RISE} (A)max	Dimension
					D
HPFZ2522A-100	10	20.0(14.3)	35	10.0	1.0
HPFZ2522A-120	12	22.0(16.0)	30	9.0	1.0
HPFZ2522A-150	15	25.0(17.9)	27	8.0	1.0
HPFZ2522A-200	20	28.0(20.2)	25	6.5	0.8
HPFZ2522A-330	33	47.1(33.6)	19	5.0	0.7

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HPFZ2822A 系列

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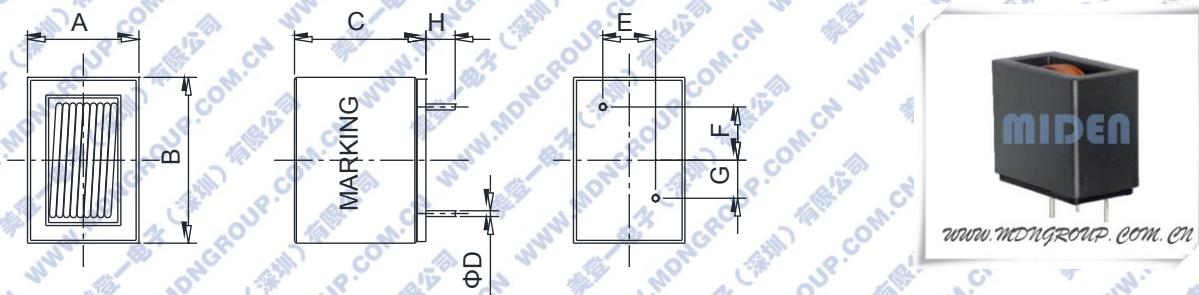
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DIMENSIONS (mm) AND SHAPES



TYPE	A±0.5	B±0.8	C Max	D±0.1	E±0.3	F±0.3	G±0.3	H±1.0
HPFZ2822A-	19.0	28.0	23.5	*	8.8	9.0	6.4	5.0

ELECTRICAL CHARACTERISTICS

TYPE	Inductance (μH) $\pm 20\%$	DC resistance ($\text{m}\Omega$) Max	Isat (A)max	I _{rms} (A)max	Dimension
					D
HPFZ2822A-100	10	10.0(7.0)	40	15	1.2
HPFZ2822A-150	15	11.0(8.0)	35	12	1.2
HPFZ2822A-200	20	13.0(9.6)	30	9	1.0
HPFZ2822A-330	33	25.0(20.0)	25	7	0.9

REMARK: 1、DC saturation allowable current: Value of inductance decrease within -30%;

2、Temperature rise allowable current: A rise in temperature of core surface is within 40℃。