

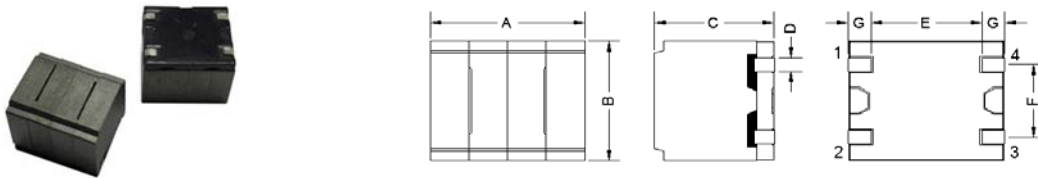
Features

- Compact size using flat wire for surface mount purpose.
- Low radiation noise by magnetically shielded construction.
- Super high current and 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 amplifier car audio, LCD and PDP TV, 5.1ch Home theater.

Shapes and Dimensions



Type	A	B	C	D	E	F	G
SDEP1010	12.8 ± 0.8	10.5 ± 0.5	10.5 Max.	1.2 ref.	9.0 ref.	6.4 ref.	1.9 ref.

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDEP1010-100MB	10.0 ± 20%	1	18.0	7.10	4.20
SDEP1010-120MB	12.0 ± 20%	1	20.0	6.00	4.00
SDEP1010-150MB	15.0 ± 20%	1	23.0	5.30	3.80
SDEP1010-220MB	22.0 ± 20%	1	38.0	4.30	3.50

NOTES:

Isat: DC current at which the inductance drops approximately 30% from its value without current.

Irms: DC current that causes the temperature rise ($\Delta T=40^{\circ}\text{C}$) from 20°C ambient