

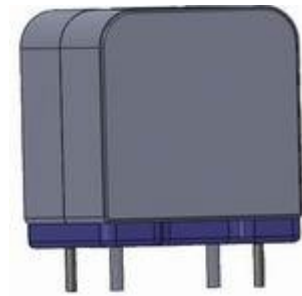
PIN Power Inductor

DEP1519



Description

- Ferrite core construction.
- Magnetically shielded
- L×W×H: 18.0×15.5×19.3mm Max.
- Product weight : 19.0 g (Ref.)
- Moisture Sensitivity Level: 1



Applications

- Ideally used in Digital amplifier filter , home theater and large LCD etc.
- Low radiation noise by magnetically shielded construction.

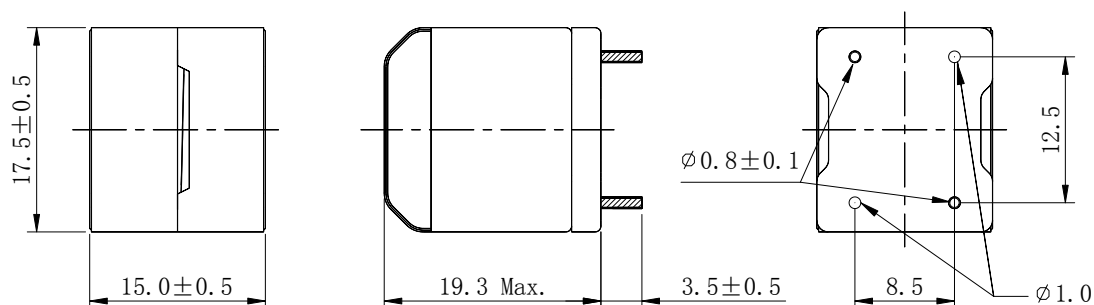
Environmental Data

- Operating temperature range: -40°C ~ +125°C (including coil's self temperature rise)
- Storage temperature range: -40°C ~ +125°C

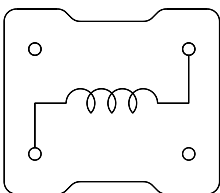
Packaging

- Pallet packaging.

Dimension - [mm]



Schematics - [mm]



Note: This specification is subject to change without notice. Please contact your nearest sales office for updated information when placing an order.

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Electrical Characteristics

Part No.	Stamp	Inductance [Within] [μH] ※1	D.C.R. (mΩ) (at 20°C) Max.(Typ.)	Saturation Current (A) (at 20°C) ※2 Max.(Typ.)	Temperature Rise Current (A) (at 20°C) ※3 Typ.
DEP1519HF-100M	100M	10.0±20%	16.6(13.3)	26.0(32.7)	7.8
DEP1519HF-150M	150M	15.0±20%	16.6(13.3)	18.8(23.5)	7.8
DEP1519HF-220M	220M	22.0±20%	16.6(13.3)	13.2(16.5)	7.8
DEP1519HF-330M	330M	33.0±20%	16.6(13.3)	9.4(11.8)	7.8

※1 Measuring condition at 1kHz 1V.

※2 The saturation current: the value of DC current when the inductance decreases to 75% of its initial value.

※3 The temperature rise current: This indicates the typical value of DC current when the temperature rise is

ΔT=40°C.

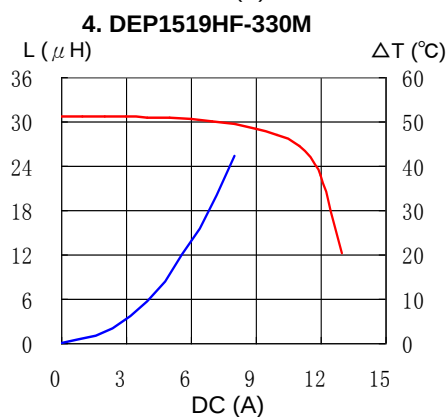
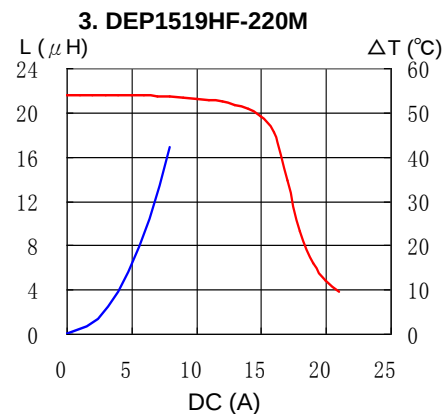
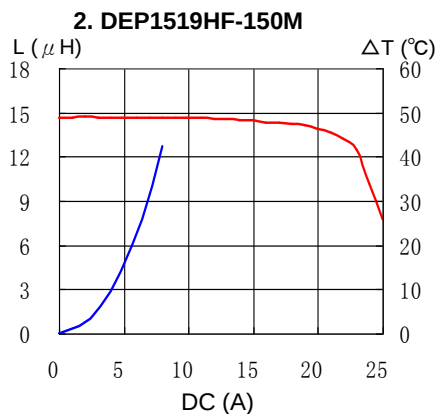
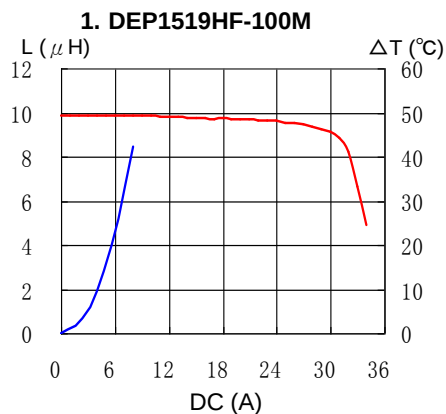
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Saturation Current & Temperature Rise Graph

— L (20°C) — ΔT



For sales office information, please [click here](#) to visit our website.

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