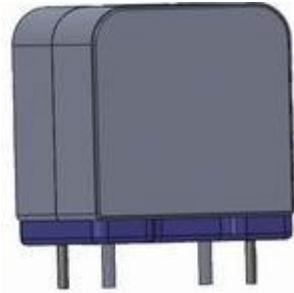


PIN Power Inductor DEP1519



Description

- Ferrite core construction.
- Magnetically shielded
- LxWxH: 18.0x15.5x19.3mm 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.

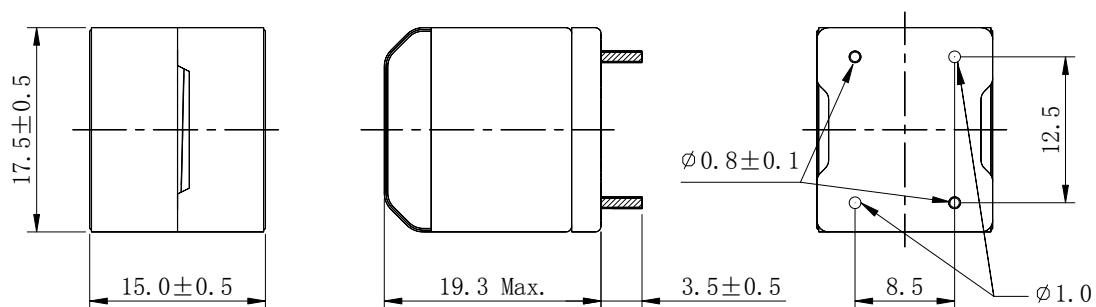
Environmental Data

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

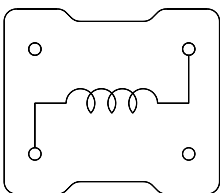
Packaging

- 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.

PIN Power Inductor

DEP1519



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.

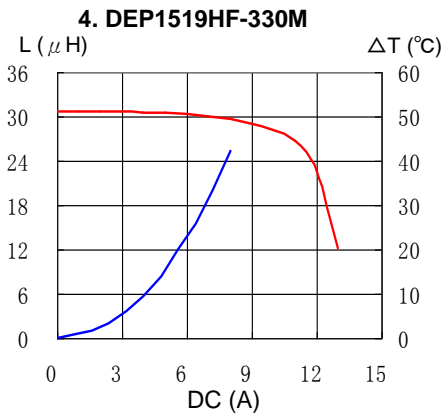
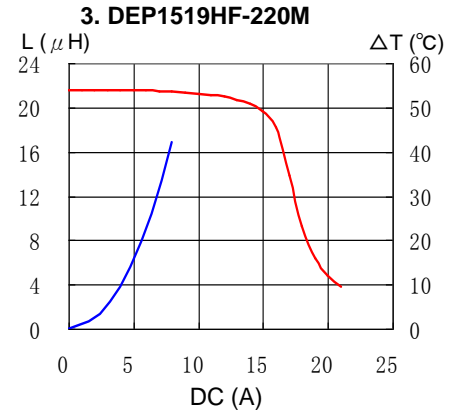
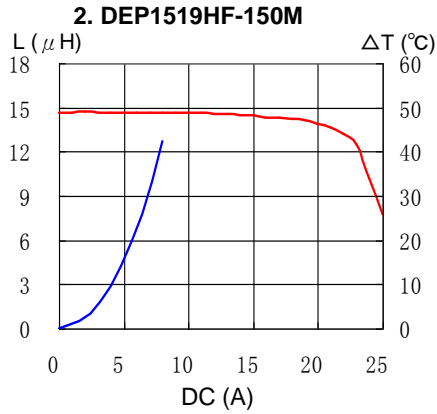
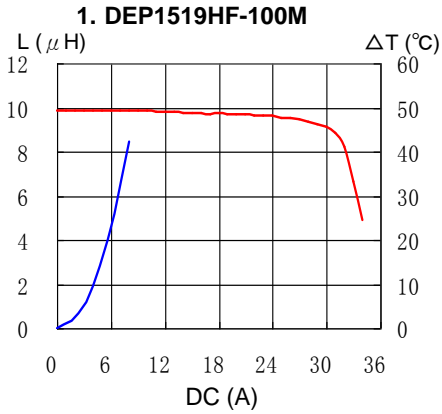
※3 The temperature rise current: This indicates the typical value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$.

PIN Power Inductor DEP1519



Saturation Current & Temperature Rise Graph

— L (20°C) — ΔT



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

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