

Type:CEPH149

◆ Product Description

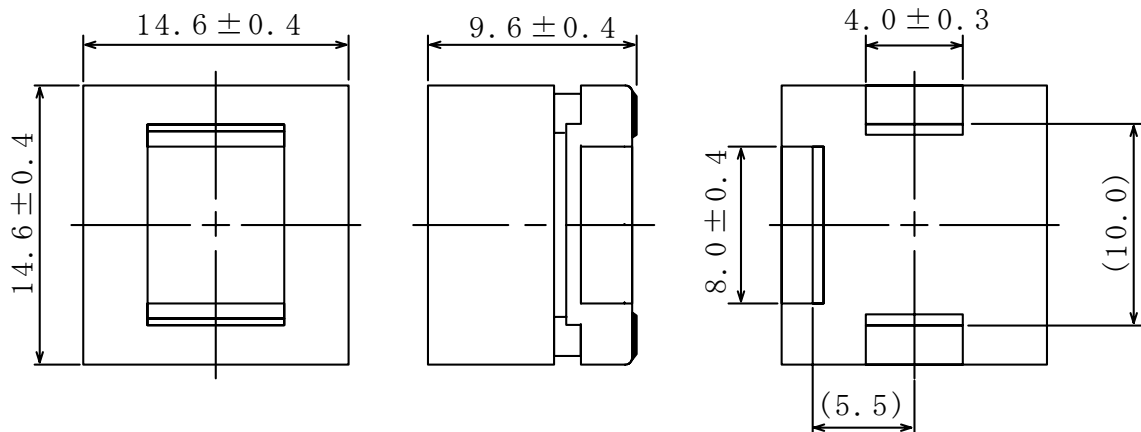
- 15.0×15.0mm Max.(L×W),10.0mm Max. Height.
- Inductance range: 1.0~2.4 μ H.
- Rated current range: 10~20A
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



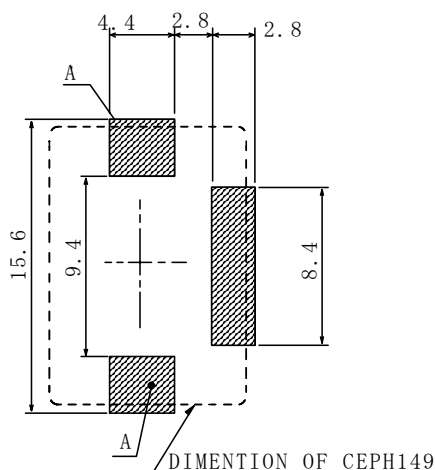
◆ Feature

- High Current Inductors
- Mn-Zn core used, ideally used in computer CPU,Server,etc power supply.
- RoHS Compliance

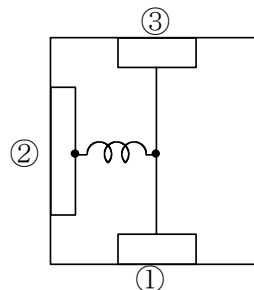
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics(Bottom)



Type:CEPH149
◆ Specification

Part Name	Stamp	Inductance [Within] 100 kHz.	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Rated current (A) ※1
CEPH149NP-1R0MC	1R0M	1.0 μH ± 20%	1.2(0.99)	20.0
CEPH149NP-1R6MC	1R6M	1.6 μH ± 20%	1.5(1.24)	15.5
CEPH149NP-2R4MC	2R4M	2.4 μH ± 20%	1.5(1.24)	10.0

※1 Rated current: The DC current at which the inductance decreases to 90 % of it's initial value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).