Type: CDEPI99

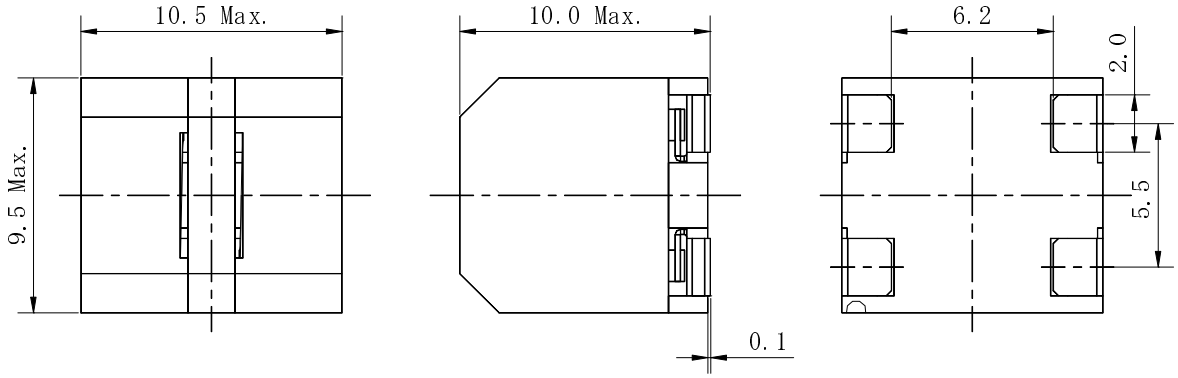
◆ Product Description

・10.5×9.5mm Max. (L×W), 10.0mm Max. Height
・Inductance Range: 5.0μH～22μH;
・Rated Current Range: 2.82～7.10 A

◆ Feature

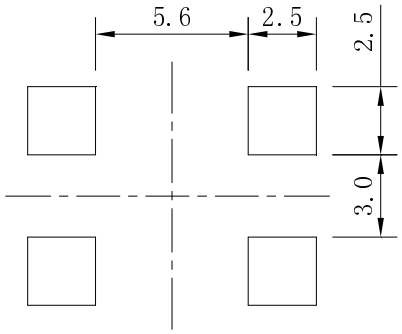
・Mn-Zn core used, High DC saturation current, High efficiency, Low heat generation.
・Operating temperature range: -40℃～+105℃(Including coil's self temperature rise).
・Dual inductors in one product.
・Ideally used in D Class Amplifiers.
・RoHS Compliance.

◆ Dimensions (mm)

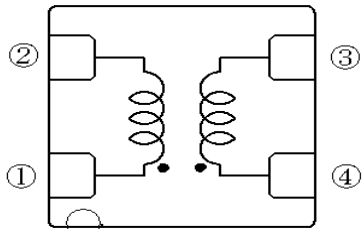


* Dimension without tolerance is approx.

◆ Land Pattern (mm)



◆ Schematics (Bottom)



Type: CDEPI99

◆ Specification

Part Name	Stamp	Inductance 100kHz/1V 1-2 or 4-3 (μH)	D.C.R. Max.(Typ.) 1-2 Or 4-3 (at 20℃) (mΩ)	Saturation Current (A) ※1	Temperature Rise Current (A) ※2
CDEPI99NP-5R0P□	5R0	5.0±25%	13 (10)	7.16（8.95）	7.1（8.1）
CDEPI99NP-100M□	100	10±20%	26 (21)	5.24（6.55）	4.2（4.8）
CDEPI99NP-120M□	120	12±20%	29 (23)	4.68（5.85）	4.1（4.7）
CDEPI99NP-150M□	150	15±20%	29 (23)	3.92（4.90）	4.1（4.7）
CDEPI99NP-180M□	180	18±20%	29 (23)	3.31（4.14）	4.1（4.7）
CDEPI99NP-220M□	220	22±20%	29 (23)	2.82（3.52）	4.1（4.7）

※ Description of Part Name

CDEPI99NP-5R0P□
- B: Box
- C: Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
※2.Temperature Rise Current: The DC current at which the temperature rise is △t=40℃ (Ta=20℃).