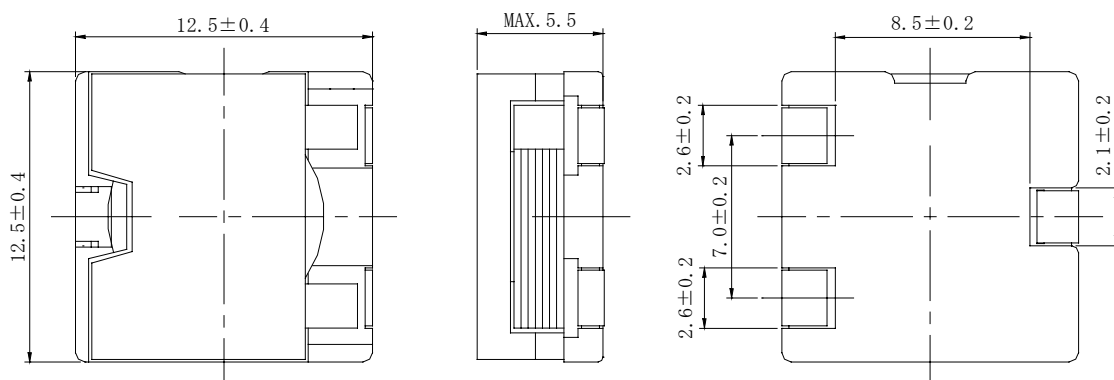
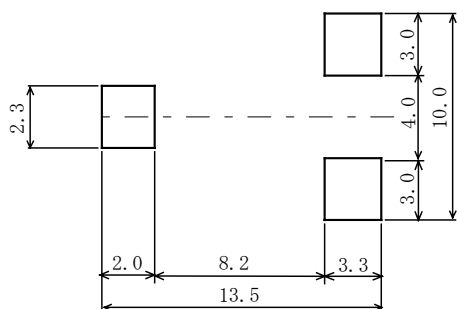
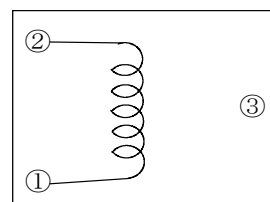


Type: CDEP125ME
◆ Product Description

- 12.9×12.9mm Max. (L×W), 5.5mm Max. height
- Inductance range: 0.3~2.9 μ H
- Rated Current Range: 11.5~21A
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

- Super high current inductors.
- Iron powder core used, Flat wire used.
- Ideally used in portable computer CPU power supply.
- RoHS Compliance

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Schematics (Bottom)


Type: CDEP125ME
◆ Specification

Part Name ※	Stamp	Inductance [Within] 100kHz/1V	D.C.R. (mΩ) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1	Temperature Rise current (A) ※2
CDEP125MENP-ØR3N□	0R3N	0.3 μH ± 25%	1.2(1.0)	40.0	21.0
CDEP125MENP-ØR7N□	0R7N	0.7 μH ± 25%	2.0(1.7)	32.0	20.0
CDEP125MENP-1R2N□	1R2N	1.2 μH ± 25%	3.1(2.6)	25.6	17.5
CDEP125MENP-2R0N□	2R0N	2.0 μH ± 25%	4.9(4.1)	20.4	13.5
CDEP125MENP-2R9N□	2R9N	2.9 μH ± 25%	7.5(6.3)	16.0	11.5

※ Description of part name

CDEP125MENP-ØR3N□

- B Box
- C Carrier Tape

※1. Saturation current: The DC current at which the inductance decreases to 80% of it's initial value.
(Ta=20°C)

※2 Temperature rise current: The DC current at which the temperature rise is Δt=40°C.(Ta=20°C)