Type: CDEP125ME

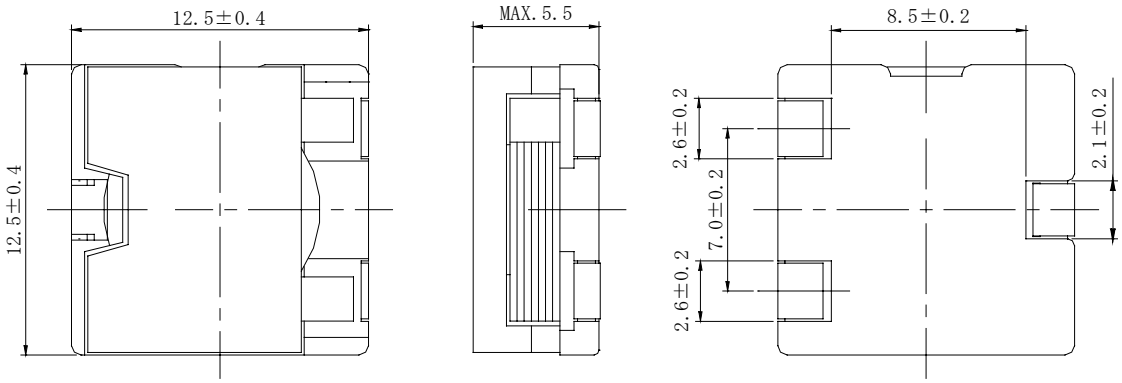
◆ Product Description

・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.

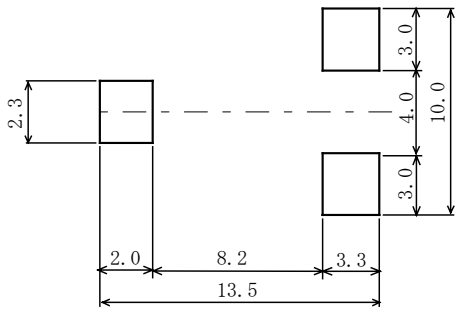
◆ Feature

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

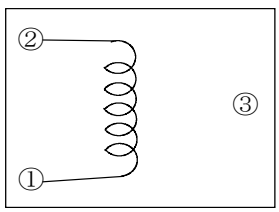
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics (Bottom)



Type: CDEP125ME

◆ Specification

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

※2 Temperature rise current:The DC current at which the temperature rise is △t＝40℃.(Ta＝20℃)