

Type: CEP127

UNDER DEVELOPMENT

Product Description

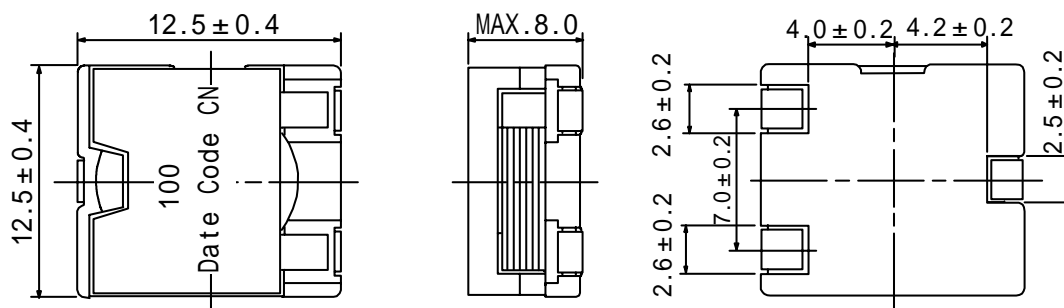
- 12.9 × 12.9mm Max. (L × W), 8.0mm Max. height
- Inductance range: 10 μH
- Rated Current Range: 7.6A



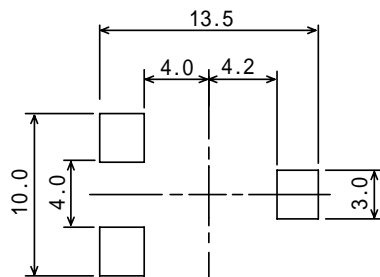
Feature

- Magnetically shielded construction.
- Super high current, Mn-Zn core used, Flat wire used.
- Ideally used in computer CPU power supply.
- RoHS Compliance

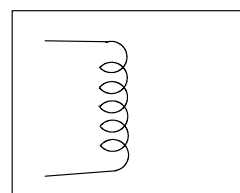
Dimensions (mm)



Land Pattern (mm)



Schematics (Bottom)



Specification

PARAMETER	CONDITIONS	UNITS	specification
Inductance (OCL)	100kHz, 0.1 V, (1-2) 0ADC	uH	10 ± 20%
Inductance Decrease L/Lo	100kHz, 0.1 V, (1-2) 10.1ADC		20% Max.
D.C Resistance	(1-2)	mΩ	15 Max
Insulation Resistance	100VDC (Winding to Core)	MΩ	100 Min
Dielectric Breakdown Isolation	120 VDC, 0.5mA 2Sec (Winding to Core)		
Rated Current 1		A	7.6

1 Rated current: The DC current at which the inductance decreases to 80% of it's nominal value or when $t=40$, whichever is lower($T_a=20$).