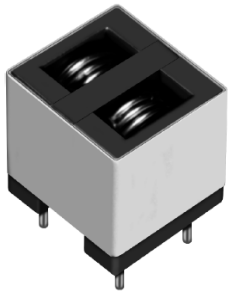
Type: DEPI1615



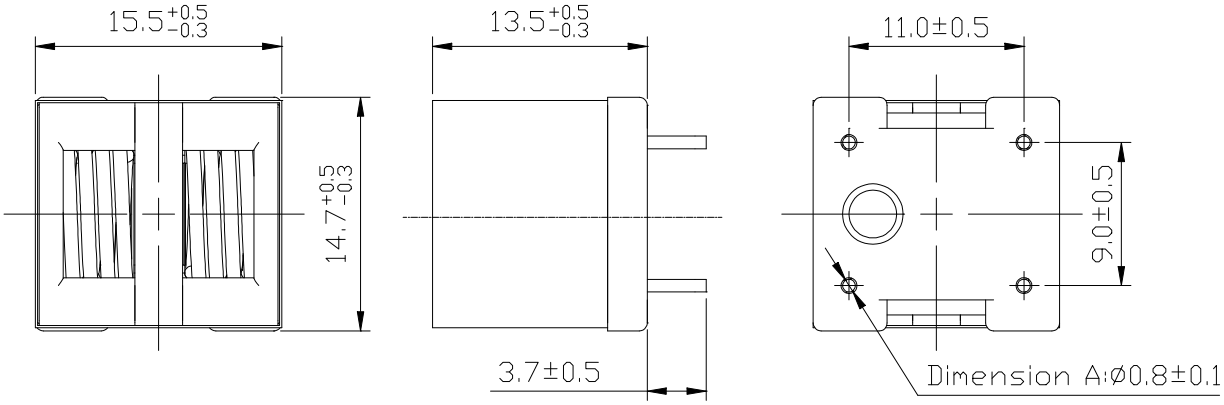
◆ Product Description

- 16.0×15.2mm Max.(L×W),14.0mm Max. Height.
- Inductance range: 5.0～30 μH.
- Rated current range: 2.8～9.5A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

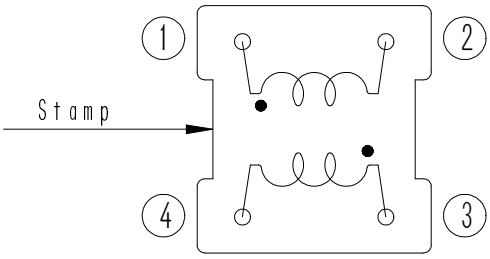
◆ Feature

- Mn-Zn core used, High DC saturation current. High efficiency, Low heat generation.
- L.P.F coils for Digital Amplifier in car audio, home theater and large LCD, etc.
- RoHS Compliance and Halogen free.

◆ Dimensions (mm)



◆ Schematics (Bottom)



Type: DEPI1615

◆ Specification

Part Name	Stamp	Inductance (μH) (at 100kHz)		D.C.R. (mΩ) Max. [TYP] (at 20℃)		Saturation Current （A）※1		Temperature Rise Current （A）※2
		(1-2) Between	(3-4) Between	(1-2) Between	(3-4) Between	at 20℃	at 105℃	
DEPI1615NP-5R0N	5R0N	5±30%	5±30%	7.7(5.9)	7.7(5.9)	13	10	9.5
DEPI1615NP-100N	100N	10±30%	10±30%	10(7.6)	10(7.6)	9.6	7.6	8.0
DEPI1615NP-150N	150N	15±30%	15±30%	10(7.6)	10(7.6)	6.5	5.0	8.0
DEPI1615NP-220N	220N	22±30%	22±30%	10(7.6)	10(7.6)	4.2	3.2	8.0
DEPI1615NP-300N	300N	30±30%	30±30%	10(7.6)	10(7.6)	2.8	2.1	8.0

※1. Saturation current: The DC current at which the inductance decreases to 75% of it's nominal value.
※2. Temperature rise current: The DC current at which the temperature rise is △t＝40℃.(Ta＝20℃).