

# Data Sheet



Helping Engineer the Technology of Power

**ICE Components, Inc.**

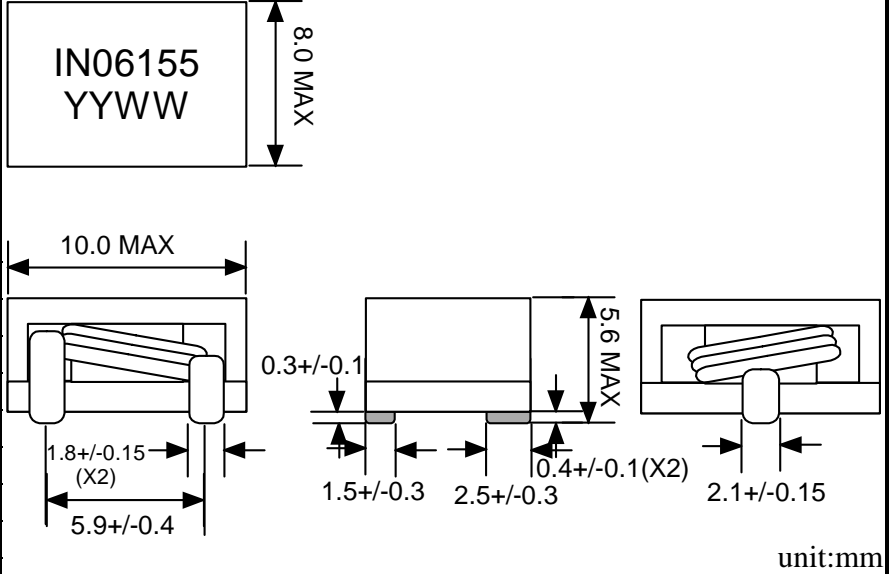
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## Mechanical Drawing



unit:mm

## General Information

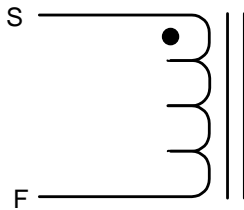
<b>Customer</b>	
<b>Part Number</b>	IN06155
<b>Revision</b>	0
<b>Description</b>	Inductor
<b>Date</b>	AUG-07-2009
<b>Reference</b>	--
<b>Doc Control #</b>	--
<b>Issue(For ICE use only)</b>	--

## Specification

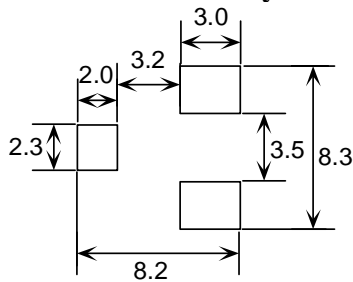
## Sample Test Data

Item	Pins	Spec	Test Condition
Inductance @0Adc	S - F	1.0 uH +/- 15%	500 kHz, 0.1Vrms, series
Inductance @Isat at 25degC	S - F	0.75 uH min	500 k Hz, 0.1Vrms, series (19Adc)
DCR	S - F	2.3 mOhm typical (3.5 mOhm max)	+25 deg C
Isat at 25degC	S - F	19 Adc max	


## Schematic



## Recommended PCB Layout



unit:mm

## Remark

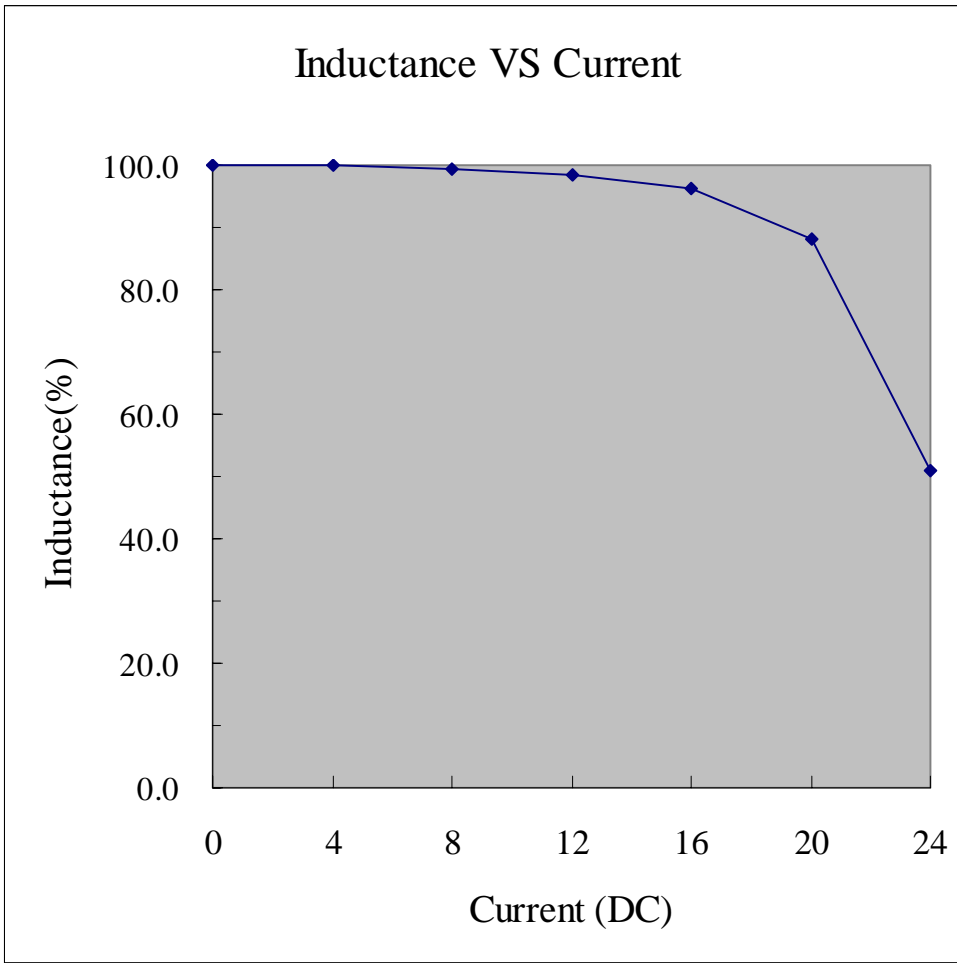
- 1) This is RoHS compliant product.
- 2) Isat is the current at which the inductance drops by 15%.
- 3) Inductance vs. Current Curve as attached.
- 4) The max operating temperature is 130degC (ambient + temperature rise).

Sample approval is required before release to production. Sample specifications take precedence over customer specifications.

Customer Signature

Rev.	Description	PRD	CHK	APP	Date	NTFY
0	Initial release	Emily	Gary	L. L. Chou	2009/8/7	2009/8/7

**P/N: IN06155**



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