

# Data Sheet



Helping Engineer the Technology of Power

ICE Components, Inc.

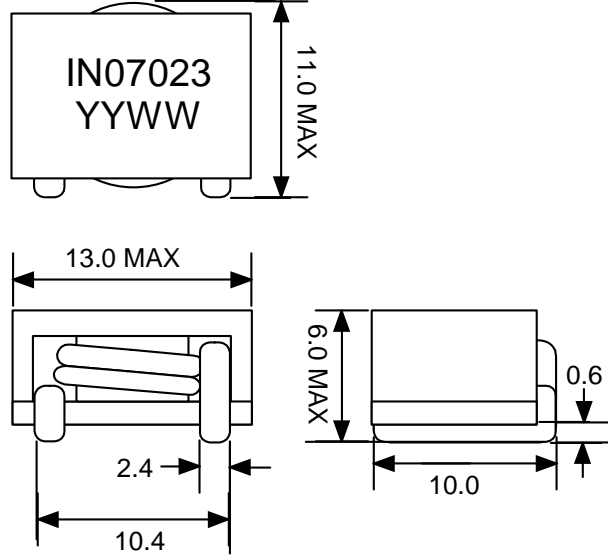
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## Mechanical Drawing



unit:mm

## General Information

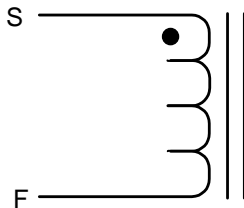
Customer	
Part Number	IN07023
Revision	1
Description	Inductor
Date	AUG-07-2009
Reference	--
Doc Control #	--
Issue(For ICE use only)	--

## Specification

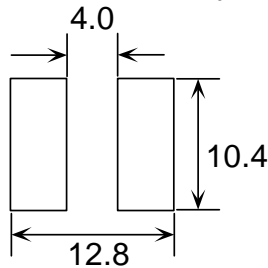
## Sample Test Data

Item	Pins	Spec	Test Condition
Inductance @0Adc	S - F	0.9 uH +/- 10%	100 kHz, 0.1Vrms, series
Inductance @Isat at 25degC	S - F	0.65 uH min	100 kHz, 0.1Vrms, series(24Adc)
DCR	S - F	(1.0 mOhm typ.) 1.4 mOhm max	+25 deg C
Isat	S - F	24 Adc	

## Schematic



## Recommended PCB Layout



unit:mm

## Remark

1. Isat is the current at which the inductance drops by 20%.
2. This is RoHS compliant product.
3. Operating temperature: -40degC to +125degC.
4. Inductance vs. Current Curve as attached.

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

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

Customer Signature

