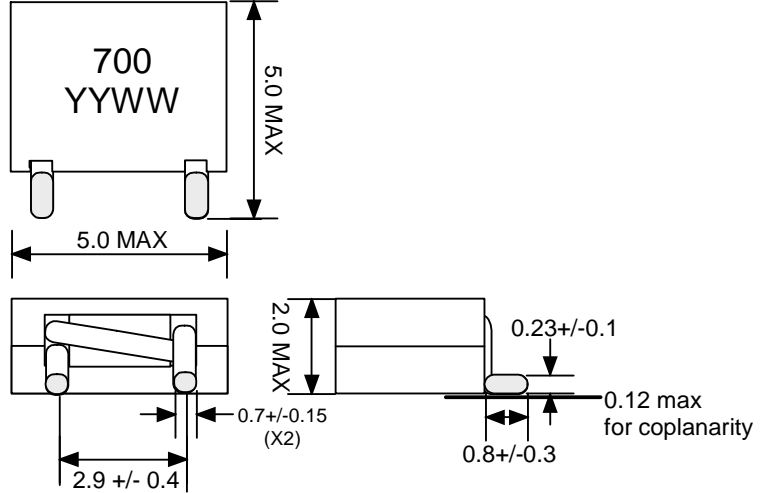


# Data Sheet



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## Mechanical Drawing



unit:mm

## General Information

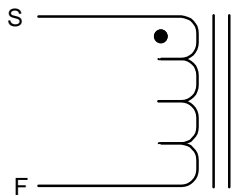
<b>Customer</b>	
<b>Part Number</b>	IN07077
<b>Revision</b>	1
<b>Description</b>	Inductor
<b>Date</b>	AUG-07-2009
<b>Reference</b>	--
<b>Doc Control #</b>	--
<b>Issue</b> (For ICE use only)	--

## Specification

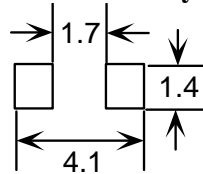
## Sample Test Data

Item	Pins	Spec	Test Condition	Sample Test Data
Inductance @0Adc	S - F	70 nH +/- 15%	10 MHz, 0.1Vrms, series	
Inductance @Isat at 25degC	S - F	50 nH min	10 MHz, 0.1Vrms, series (35Adc)	
DCR	S - F	2.2 mOhm typical (2.5 mOhm max)	+25 deg C	
Isat at 25degC	S - F	35 Adc max		

## Schematic



## Recommended PCB Layout



unit:mm

## Remark

1. Isat is the current at which the inductance drops by 15%.
2. Inductance vs. Current Curve as attached.
3. This is RoHS compliant product.
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

