

# Data Sheet



Helping Engineer the Technology of Power

**ICE Components, Inc.**

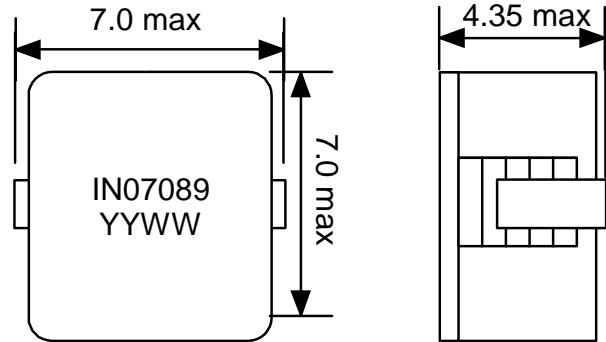
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## Mechanical Drawing



unit:mm

### General Information

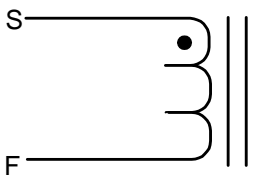
<b>Customer</b>	
<b>Part Number</b>	IN07088
<b>Revision</b>	0
<b>Description</b>	Inductor
<b>Date</b>	AUG-07-2009
<b>Reference</b>	--
<b>Doc Control #</b>	--
<b>Issue(For ICE use only)</b>	--

### Specification

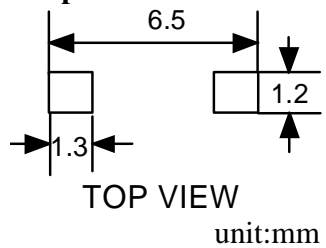
### Sample Test Data

Item	Pins	Spec	Test Condition	
Inductance	S – F	9.0 uH +/- 20%	100 kHz, 0.1Vrms, series (0Adc)	
	S – F	6.3 uH typ.	100 kHz, 0.1Vrms, series (4.4Adc)	
DCR	S – F	37 mOhm max	25 deg C	
Isat	S – F	4.4 Adc max		

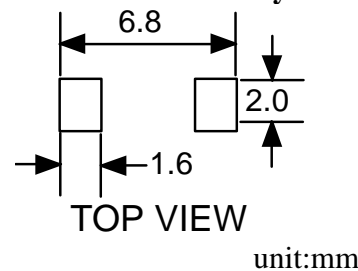
### Schematic



### Footprint



### Recommended PCB Layout



### Remarks

1. This is RoHS compliant product.
2. Isat is the current at which the inductance drops by 30% typ.
3. Operating Temperature: -40degC to +130degC

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

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

Customer Signature