

Data Sheet



Helping Engineer the Technology of Power

ICE Components, Inc.

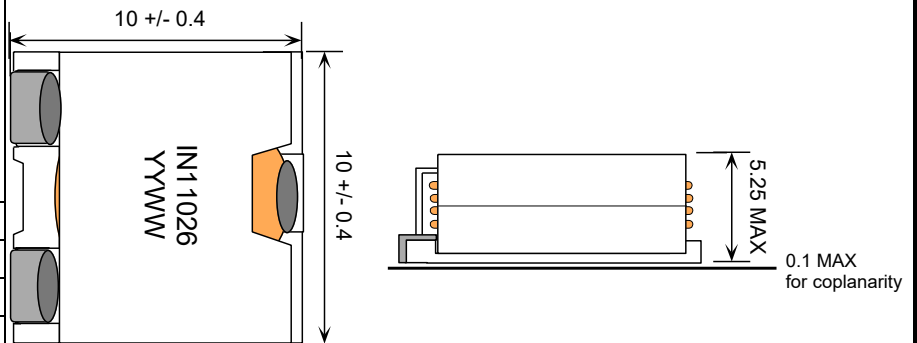
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Mechanical Drawing



unit:mm

General Information

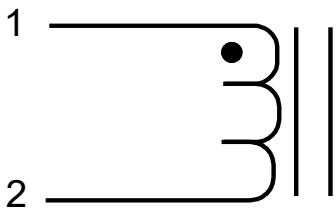
Customer	
Customer P/N	
ICE P/N	IN11026
Revision	2
Description	Inductor
Date	JUN-30-2011
Reference	--
Doc Control #	--
Issue (For ICE use only)	--

Specification

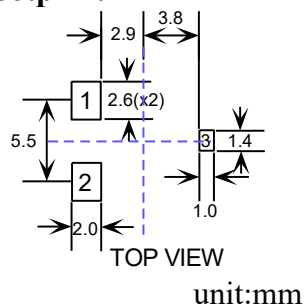
Sample Test Data

Item	Pins	Spec	Test Condition	Sample Test Data
Inductance	1 - 2	2.7 uH +/- 10%	100 kHz, 1Vrms, series (0Adc)	
	1 - 2	1.65 uH min	100 kHz, 1Vrms, series (11Adc)	
DCR	1 - 2	4.6 mOhms +/- 10%	+25 deg C	
Isat at 25degC	1 - 2	11 Adc max		
Isat +125degC	1 - 2	8 Adc max		

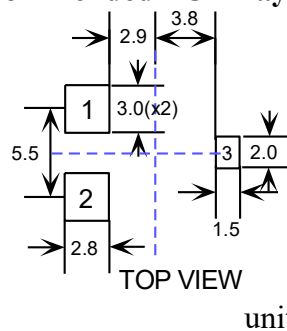
Schematic



Footprint



Recommended PCB Layout



Remark

1. The operating temperature is 130degC max (Ambient + temperature rise).
2. This is RoHS compliant product.
3. Isat is the current at which the inductance drops by 20% typ.
4. Inductance vs. Current Curve as attached.

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

Customer Signature

Rev.	Description	PRD	CHK	APP	Date	NTFY
2	Initial release	Emily	Gary	L. L. Chou	2011/5/3	2011/6/30

P/N: IN11026

Inductance vs. Current

