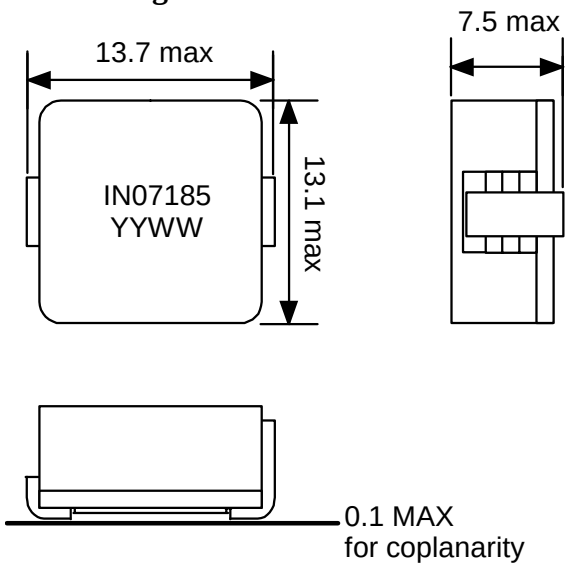
Data Sheet

ICE Components, Inc.
Tel 678-560-9172 Fax 678-560-9304
cust.serv@icecomp.com
www.icecomponents.com
1165 Allgood Rd., Ste. #20, Marietta, GA 30062

Mechanical Drawing



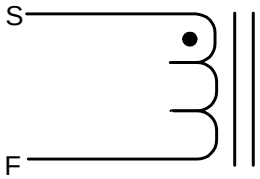
unit:mm

General Information

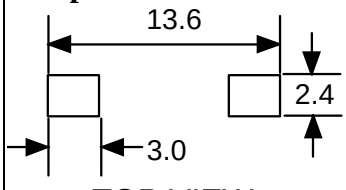
Customer	
Part Number	IN07185
Revision	0
Description	Inductor
Date	AUG-07-2009
Reference	--
Doc Control #	--
Issue (For ICE use only)	--

Specification				**Sample Test Data**
Item	***Pins***	***Spec***	***Test Condition***	
Inductance	S – F	7.2 uH +/- 20%	100 kHz, 1Vrms, series (0Adc)	
	S – F	3.8 uH min	100 kHz, 1Vrms, series (13.5Adc)	
DCR	S – F	7.0 mOhm +/- 10%	+25 deg C	
Isat at 25degC		13.5 Adc max		

Schematic

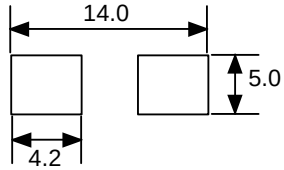


Footprint



unit:mm

Recommended PCB Layout



unit:mm

Remark

1. Operating temperature = -40degC to +130degC
2. Isat is the current at which the inductance drops by 30% typ.
3. This is RoHS compliant product.
4. The part is no problem to perform IR-reflow.

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