

Data Sheet



ICE Components, Inc.

Tel 678-560-9172 Fax 678-560-9304

cust.serv@icecomp.com

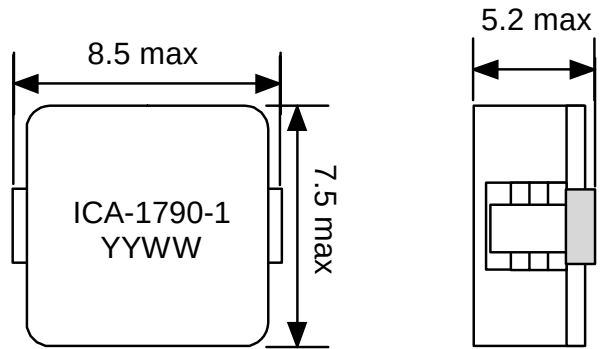
www.icecomponents.com

1165 Allgood Rd., Ste. #20, Marietta, GA 30062

General Information

Customer	
Part Number	ICA-1790-1
Revision	0
Description	Inductor
Date	AUG-07-2009
Reference	--
Doc Control #	--
Issue (For ICE use only)	--

Mechanical Drawing



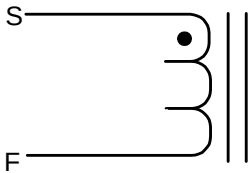
unit:mm

Specification

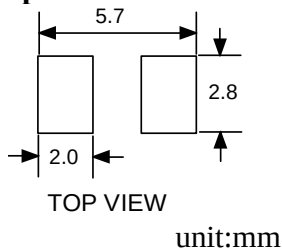
Sample Test Data

[illegible]

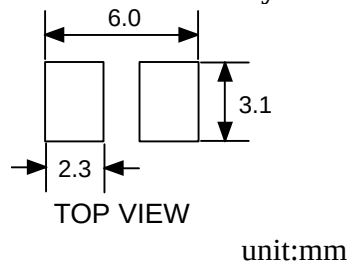
Schematic



Footprint



Recommended PCB Layout



Remarks

1. Isat: 30Adc max (L drops 30% at rated Isat)
2. Idc: 28Adc max (The temperature rise = 40degC at rated Idc)
3. Core material: MPP, 60 ui
4. Operating Temperature: -40degC to +130degC
5. Inductance vs. Current Curve and Temperature vs. Current Curve as attached.

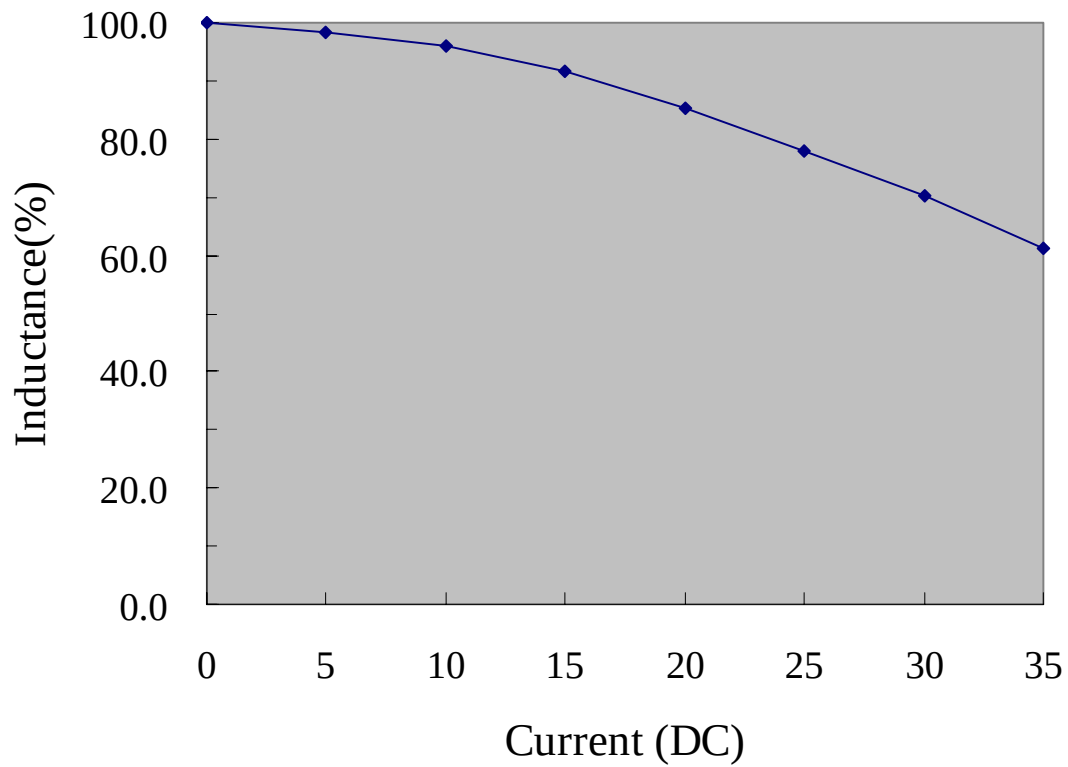
Sample approval is required before release to production. Sample specifications take precedence over customer specifications.

Customer Signature

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

P/N: ICA-1790-1

Inductance VS Current



Temperature VS Current

