

Data Sheet



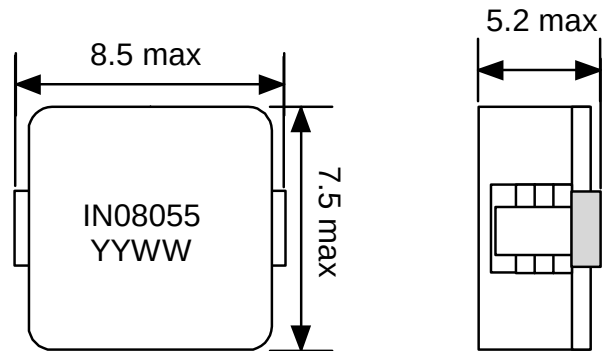
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General Information

Customer	
Part Number	IN08055
Revision	0
Description	Inductor
Date	AUG-07-2009
Reference	--
Doc Control #	--
Issue (For ICE use only)	--

Mechanical Drawing



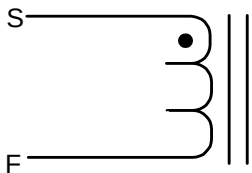
unit:mm

Specification

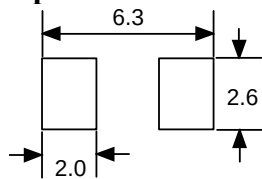
Sample Test Data

Item	Pins	Spec	Test Condition	
Inductance	S – F	0.47 uH +/- 18%	100 kHz, 0.1Vrms, series	
DCR	S – F	1.5 mOhm +/- 10%	25 deg C	
Isat	S – F	47 Adc max		
Idc	S – F	28 Adc max		

Schematic



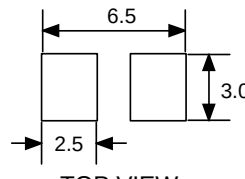
Footprint



TOP VIEW

unit:mm

Recommended PCB Layout



TOP VIEW

unit:mm

Remark

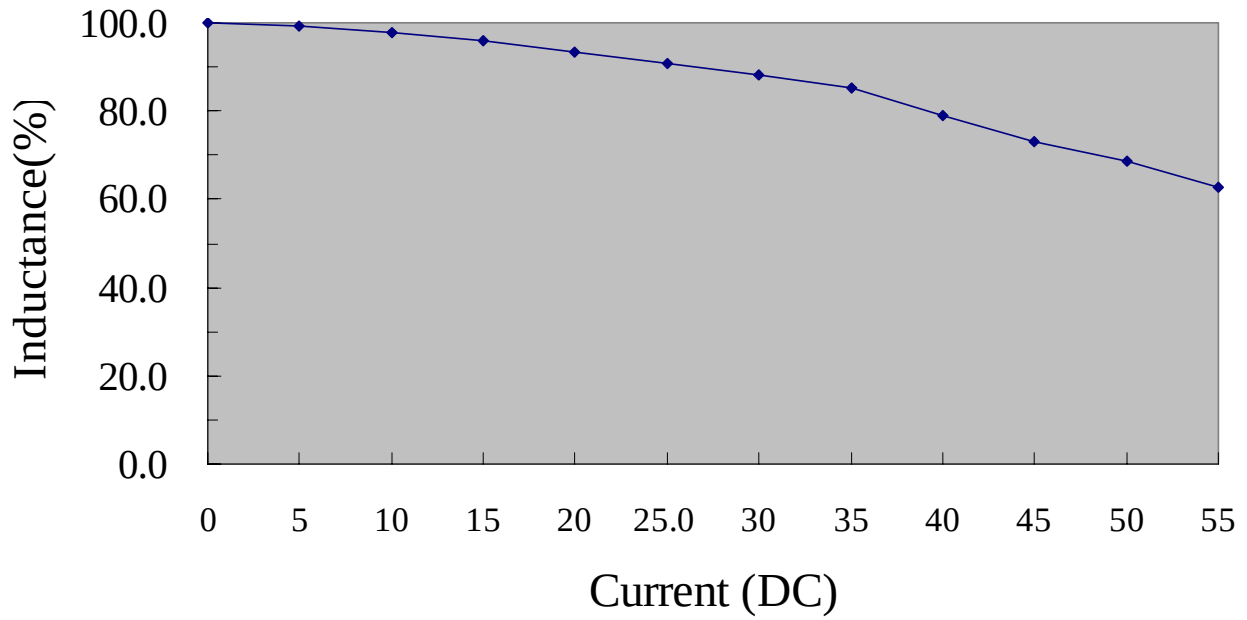
1. The max operating temperature is 150degC max (ambient + temperature rise).
2. Inductance vs. Current Curve and Temperature vs. Current Curve as attached.
3. This is RoHS compliant product.

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

Inductance VS Current



Temperature VS Current

