

New Product

SURFACE MOUNT SHIELDED POWER INDUCTOR SERIES LH3215

FEATURES

- RoHS compliant
- Square footprint
- Low profile
- Well suited for use in mobile devices, LCD panels and MP3 players

ELECTRICAL SPECIFICATIONS

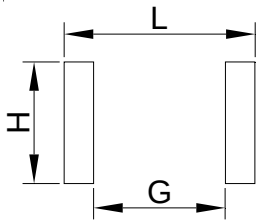
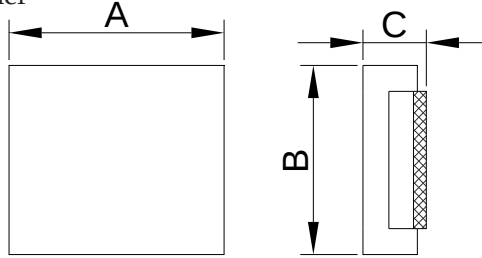
- Inductance range 1.0uH to 22uH
- Test frequency 100kHz @ 0.1Vrms test level
- Test equipment Quadtech 1750 LCR Meter

PHYSICAL SPECIFICATIONS

- Operating temp. -40°C to +105°C
- Core Ferrite
- Packaging T & R 2000 pieces per reel
- Tape & reel spec. Tape 8 mm embossed carrier
- Reel 178 mm paper reel

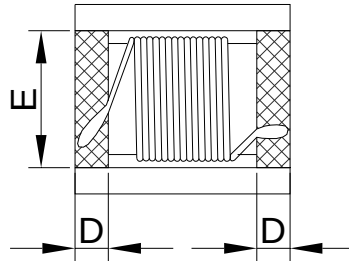
Dimensions in millimeters

Length A	3.2 ± 0.2
Width B	3.0 ± 0.2
Height C	1.5 max
Terminal length D	0.4 ± 0.1
Terminal width E	2.2 ± 0.1

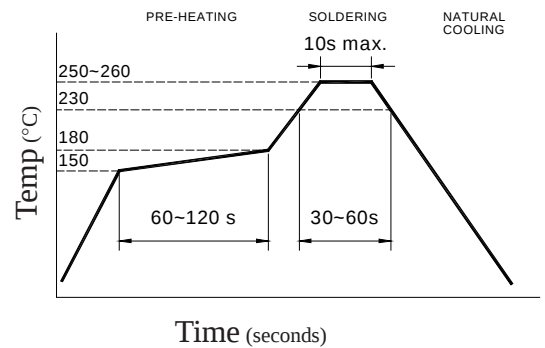


Suggested Land Pattern

G = 2.0 mm
H = 3.0 mm
L = 3.4 mm

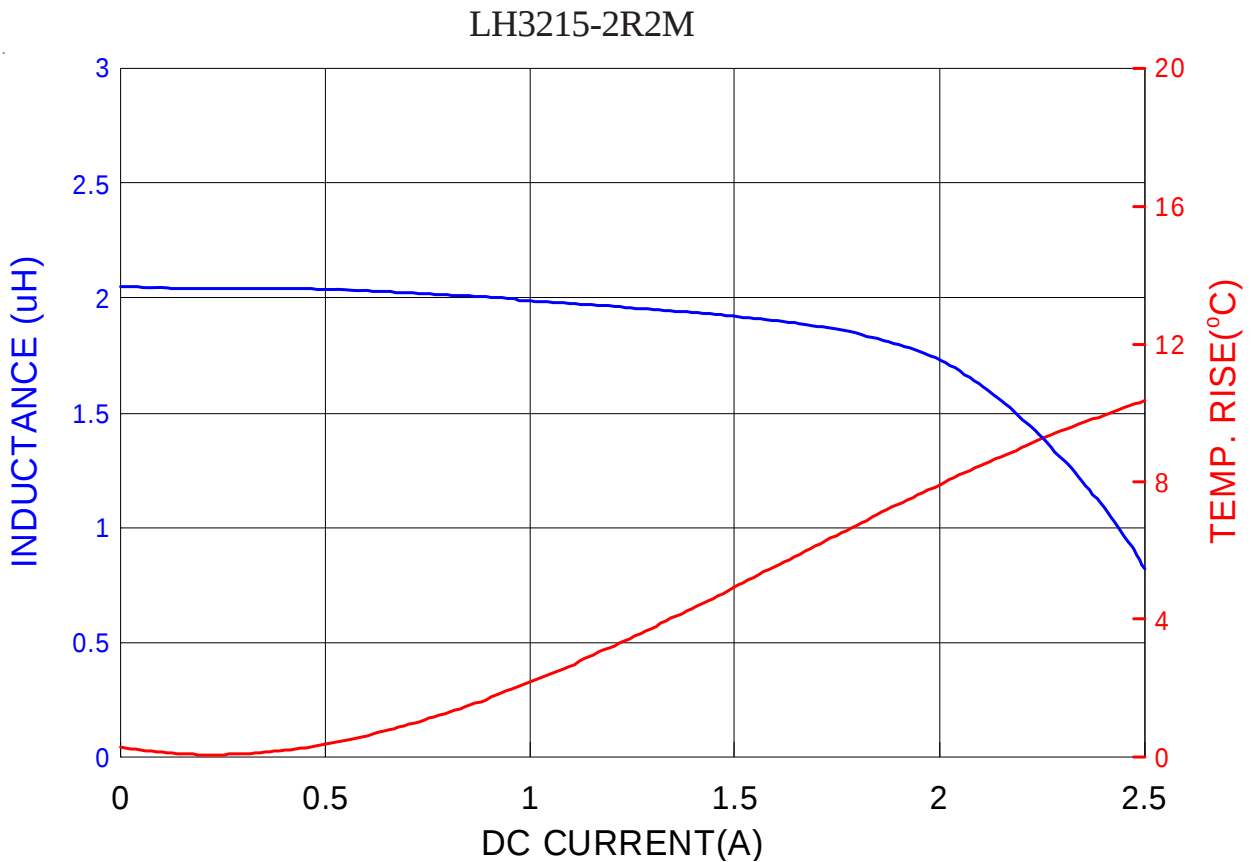
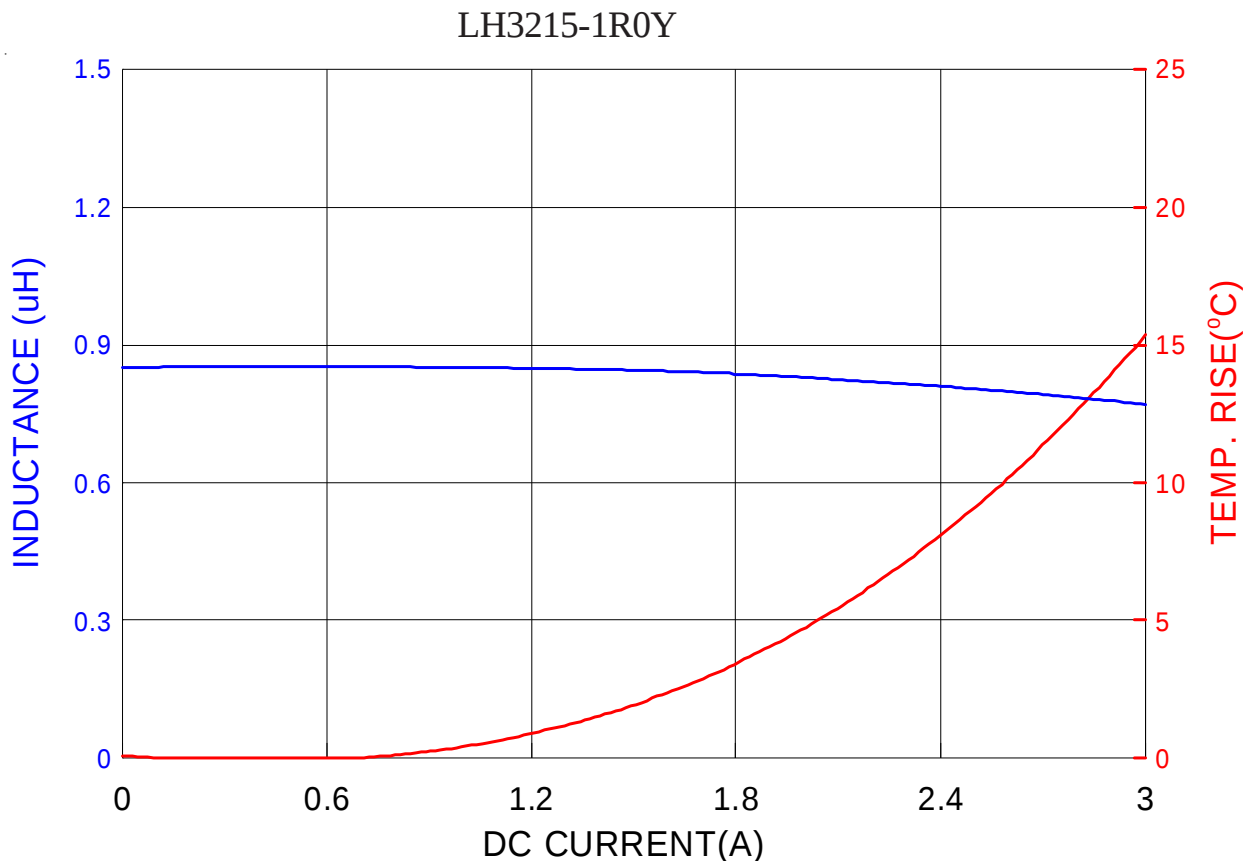


Suggested Reflow Profile



1. Based on ΔT of approximately 40°C.
2. Based on initial L drops 30% typical.

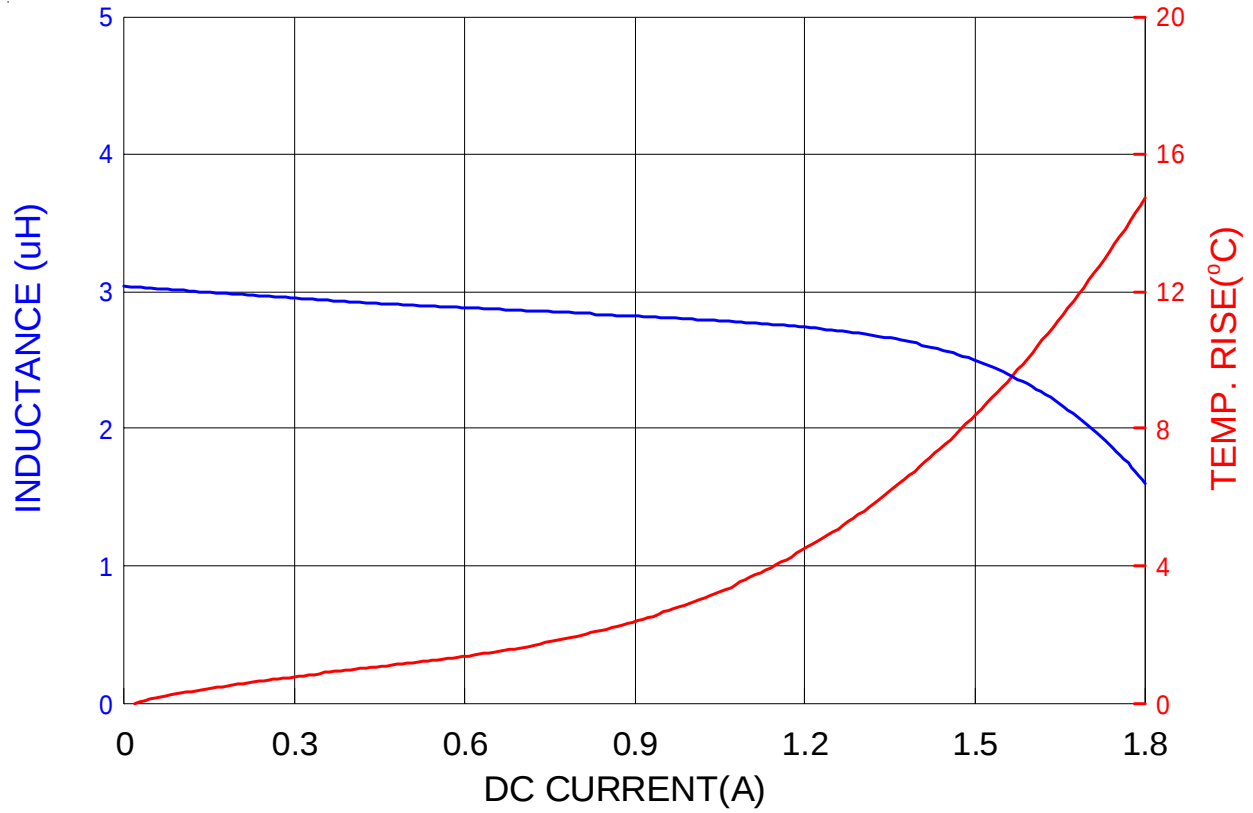
All test data based on 25°C ambient. Part temperature (ambient+temp rise) not to exceed 105°C under worst case operating conditions. Circuit design, components, PCB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Verify part temperature in end application.



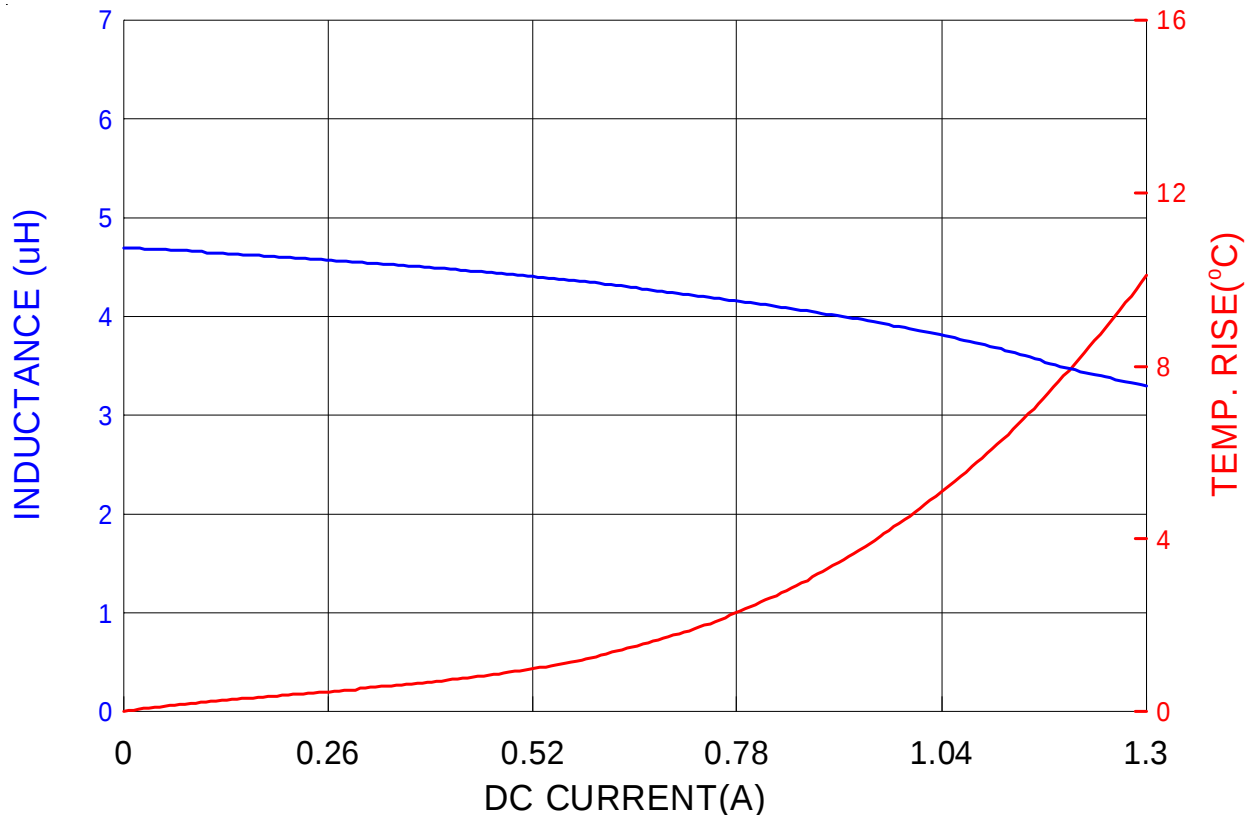
CONFIDENTIAL AND PROPRIETARY INFORMATION
© 2007 Associated Components Technology, Inc. (Unpublished)
All Rights Reserved

This document contains confidential and proprietary information of Associated Components Technology, Inc. and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Associated Components Technology, Inc is strictly forbidden. Date of Disclosure is Jan 15, 2007.

LH3215-3R3M



LH3215-4R7M



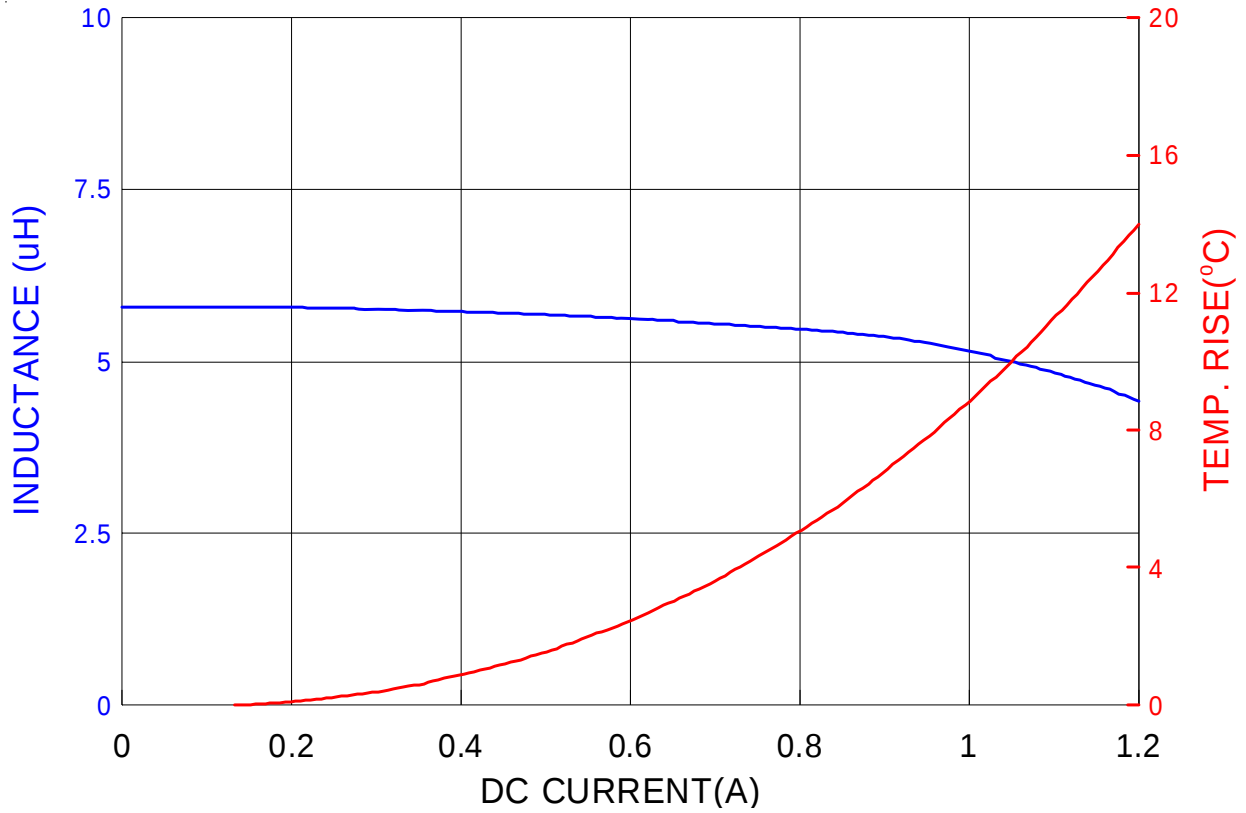
CONFIDENTIAL AND PROPRIETARY INFORMATION

© 2007 Associated Components Technology, Inc. (Unpublished)

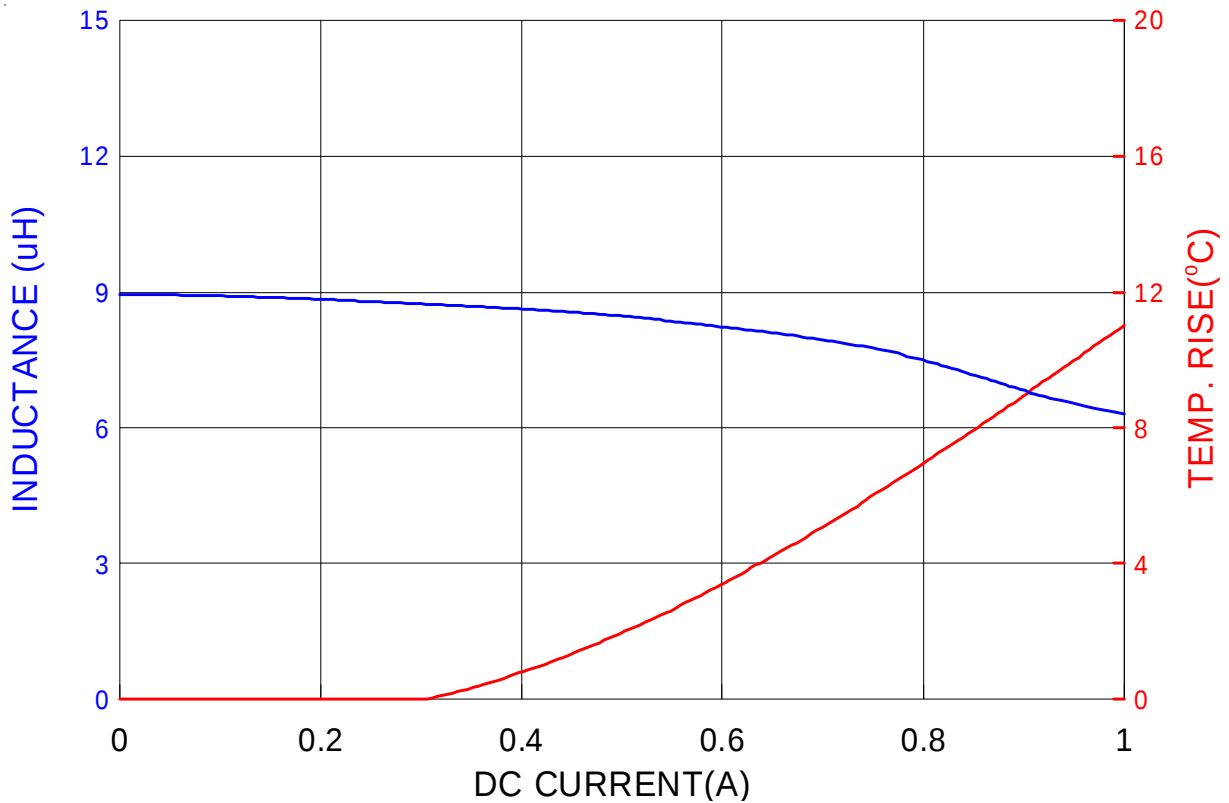
All Rights Reserved

This document contains confidential and proprietary information of Associated Components Technology, Inc. and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Associated Components Technology, Inc is strictly forbidden. Date of Disclosure is Jan 15, 2007.

LH3215-6R8M



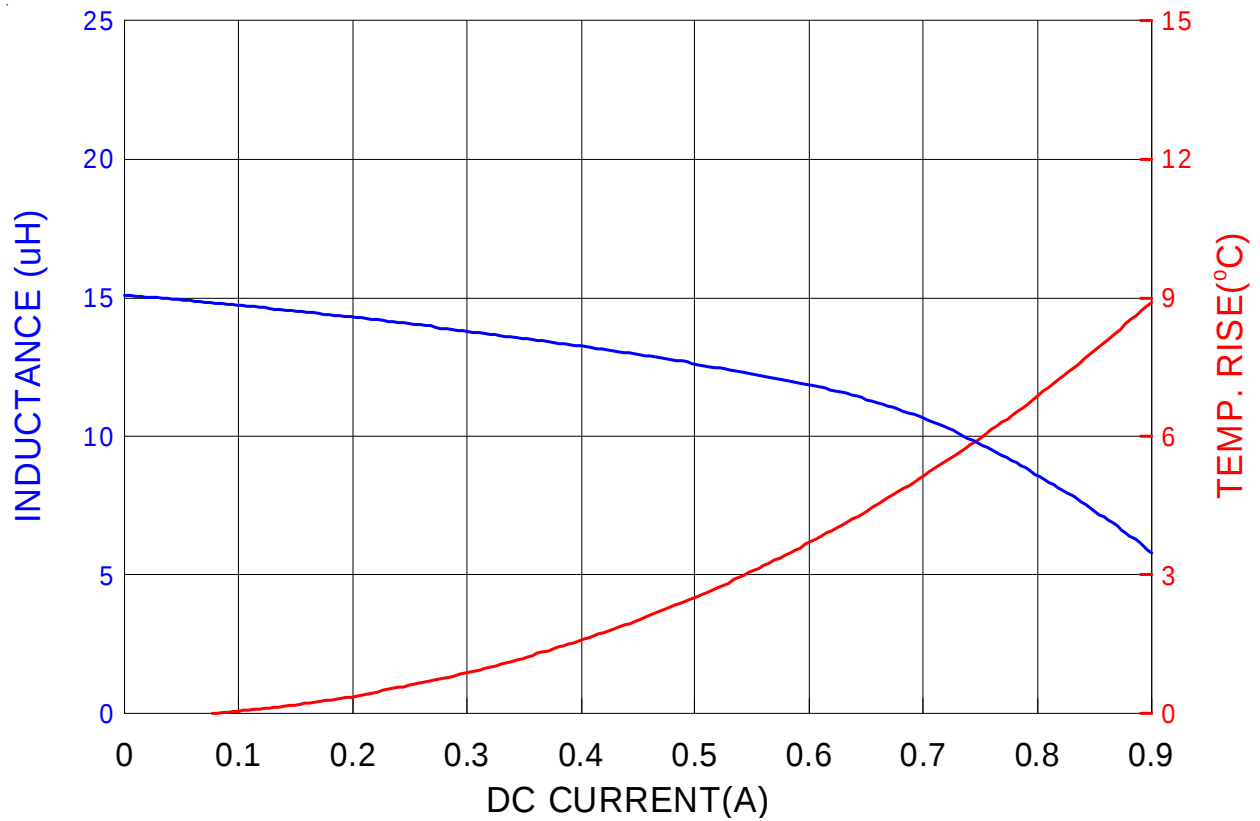
LH3215-100M



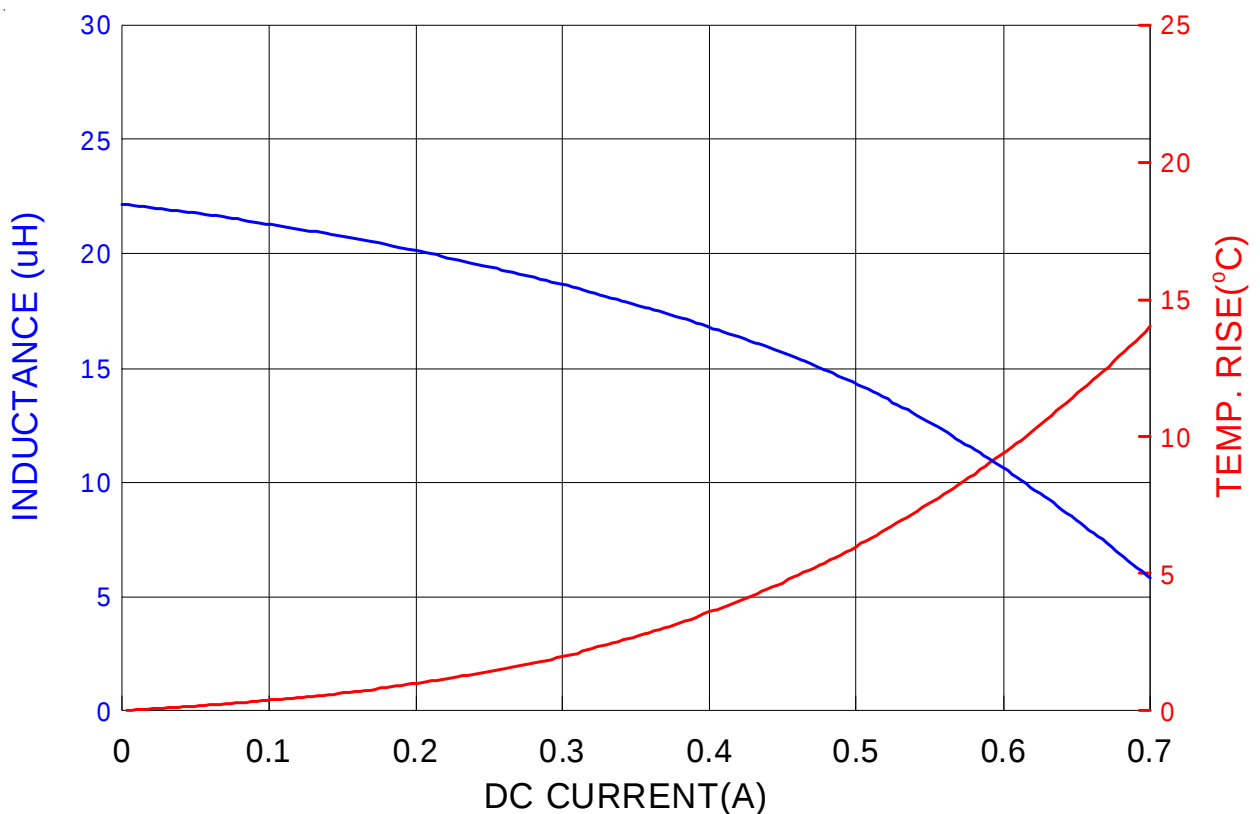
CONFIDENTIAL AND PROPRIETARY INFORMATION
 © 2007 Associated Components Technology, Inc. (Unpublished)
 All Rights Reserved

This document contains confidential and proprietary information of Associated Components Technology, Inc. and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Associated Components Technology, Inc is strictly forbidden. Date of Disclosure is Jan 15, 2007.

LH3215-150M



LH3215-220M



CONFIDENTIAL AND PROPRIETARY INFORMATION
 © 2007 Associated Components Technology, Inc. (Unpublished)
 All Rights Reserved

This document contains confidential and proprietary information of Associated Components Technology, Inc. and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Associated Components Technology, Inc is strictly forbidden. Date of Disclosure is Jan 15, 2007.