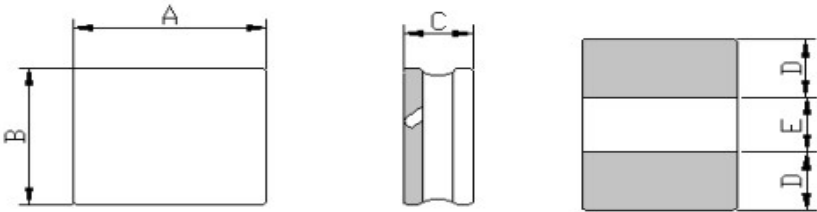


# SPECIFICATION FOR APPROVAL

|           |                                                                                      |          |                |
|-----------|--------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                       | SPEC NO. | SP-0230320017  |
| ITEM      | JNR 201610D-3R3M <span style="border: 1px solid black; padding: 0 2px;">Green</span> | 版本：A     | 表單編號：QR-012-02 |

| (1) DIMENSION: (UNIT: mm)                                                         |   | DIM. | TOL.      |
|-----------------------------------------------------------------------------------|---|------|-----------|
|  | A | 2.00 | -0.1/+0.2 |
|                                                                                   | B | 1.60 | -0.1/+0.2 |
|                                                                                   | C | 1.00 | Max       |
|                                                                                   | D | 0.65 | ±0.30     |
|                                                                                   | E | 0.70 | ±0.30     |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |

| (2) ELECTRICAL CHARACTERISTIC |                                      | TEST INSTRUMENTS.                                                                                                                                                                                                                           |
|-------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 3.3 ± 20% $\mu$ H                    | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer<br><input type="checkbox"/> Agilent 4287A RF LCR Meter<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter. |
| TEST FREQUENCY                | 1 MHz                                | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.                                                                                                                                                              |
| TEST VOLT                     | 0.1 V                                | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                                                                                                                                      |
| RDC                           | 0.260 (typ.) $\Omega$<br>0.312 (max) | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                                                                                                                                                                              |
| Isat                          | 1.40 (typ.) A<br>1.20 (max)          | <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter                                                                                                                                                                   |
| Irms                          | 1.30 (typ.) A<br>1.10 (max)          | <input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                                                                                                                         |
|                               |                                      | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                                                                                                                                                                                      |

## REMARK :

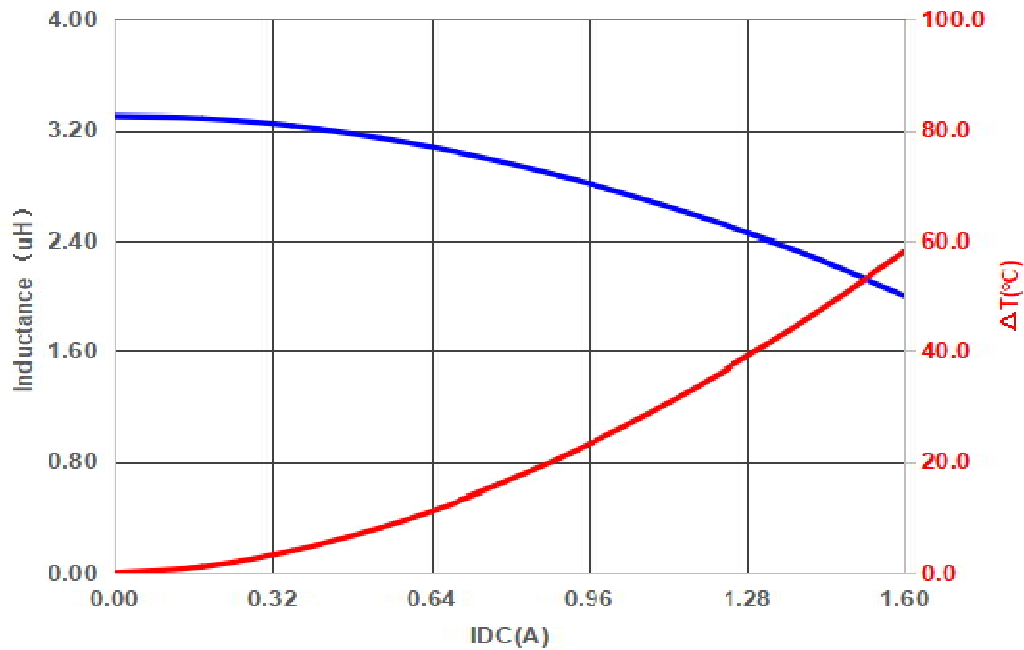
1. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.
2. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C .
3. Rated DC current: The lower value of Irms and Isat.

| PURCHASER CONFIRMED : | APPROVED                                                                             | CHECKED                                                                               | DRAWN                                                                                 |
|-----------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                       |  |  |  |

# TEST REPORT

SPEC NO : SP-0230320017

Typical Performance Curves



Test Instrument :

ZENTECH 3302 Automatic Components Analyzer  
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28 $^{\circ}C$   
Humidity : 60 to 70 % RH

Check by :



Test by :



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260  
E-mail : [jantek@jantek-elec.com.tw](mailto:jantek@jantek-elec.com.tw)  
Web-Site : [www.jantek-elec.com.tw](http://www.jantek-elec.com.tw)