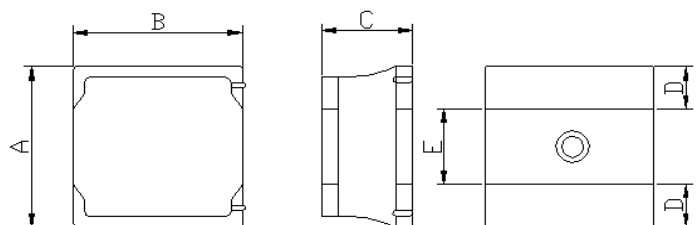


# SPECIFICATION FOR APPROVAL

|           |                                                                                    |          |                |
|-----------|------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                     | SPEC NO. | SP-0181109011  |
| ITEM      | JNR 3015H-100M <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 | 3.0  | ±0.2 |
|                                                                                   |  | B | 3.0  | ±0.2 |
|                                                                                   |  | C | 1.5  | Max. |
|                                                                                   |  | D | 1.0  | Ref. |
|                                                                                   |  | E | 1.0  | Ref. |
|                                                                                   |  |   |      |      |
|                                                                                   |  |   |      |      |
|                                                                                   |  |   |      |      |
|                                                                                   |  |   |      |      |
|                                                                                   |  |   |      |      |

| (2) ELECTRICAL CHARACTERISTIC |                             | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 10 ± 20% $\mu$ H            | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.<br><input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.<br><input type="checkbox"/> ZENTECH 101 L.C.R. Meter.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter. |
| TEST FREQUENCY                | 100 KHz                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| TEST VOLT                     | 1 V                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RDC                           | 0.22 ± 20% $\Omega$         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Isat                          | 0.75 (typ.)<br>0.65 (max) A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Irms                          | 0.80 (typ.)<br>0.70 (max) A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## REMARK :

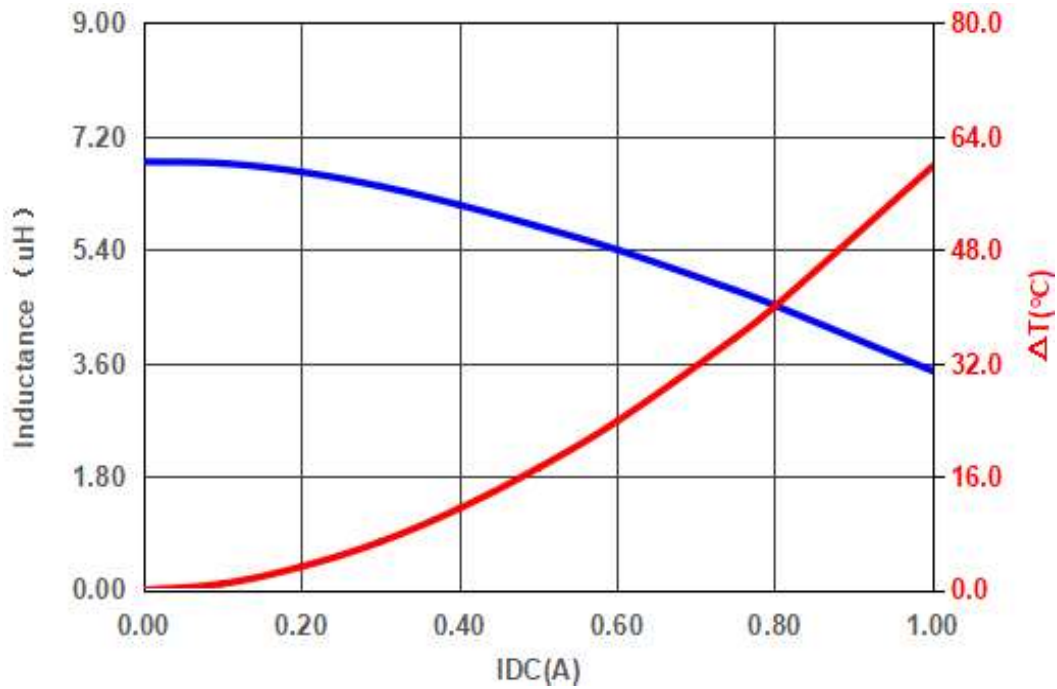
1. All test data referenced to 25°C ambient
2. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C

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

# TEST REPORT

SPEC NO : SP-0181109011

Typical Performance Curves



Test Instrument :

ZENTECH 3302 Automatic Components Analyzer

ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28°C

Humidity : 60 to 70 % RH

Check by :

姜秀琴

Test by :

陳秀月



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