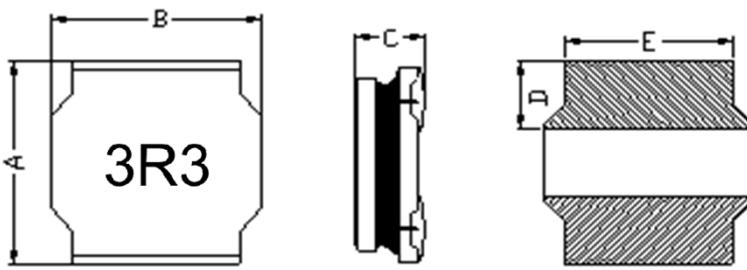


# SPECIFICATION FOR APPROVAL

|           |                                                                                           |          |                |
|-----------|-------------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | <b>SMD POWER COIL</b>                                                                     | SPEC NO. | SP-0190104009  |
| ITEM      | <b>JNR 8040H-3R3M</b> <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 | 8.00 | ±0.3 |
|                                                                                   | B | 8.00 | ±0.3 |
|                                                                                   | C | 4.20 | max. |
|                                                                                   | D | 2.40 | ±0.3 |
|                                                                                   | E | 6.30 | ±0.3 |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |

| (2) ELECTRICAL CHARACTERISTIC |                            | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 3.3 ± 20% $\mu$ H          | <input 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                | 1 MHz                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TEST VOLT                     | 1 V                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RDC                           | 15 ± 20% m $\Omega$        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isat                          | 8.00 (typ)<br>7.50 (max) A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Irms                          | 6.60 (typ)<br>6.20 (max) A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## REMARK :

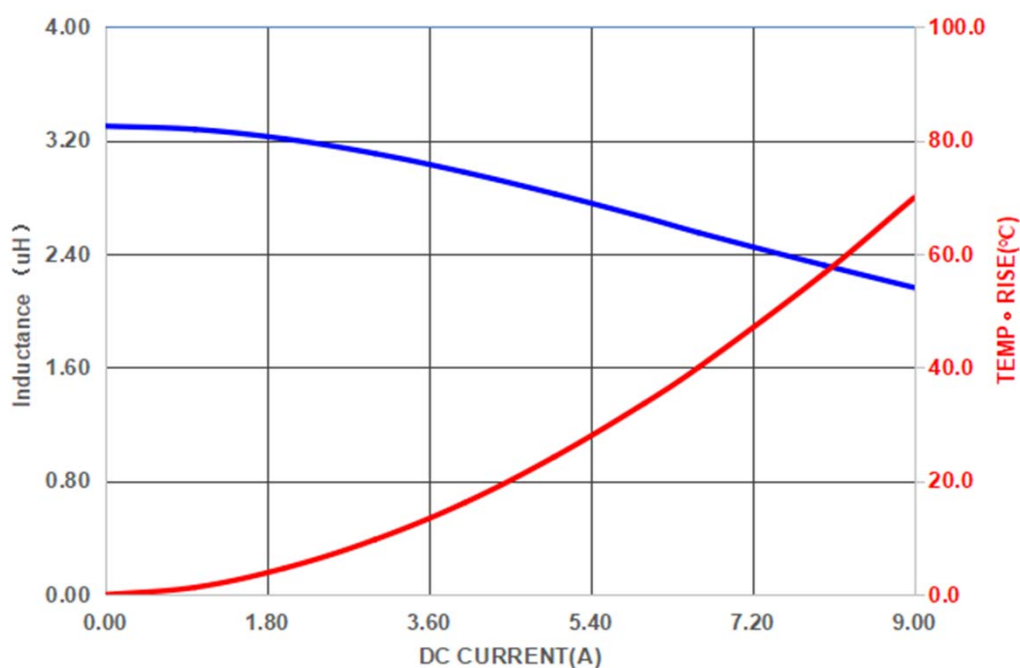
1. All test data referenced to 25°C ambient
2. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C

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

# TEST REPORT

SPEC NO : SP-0190104009

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 :



Test by :



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E-mail : jantek@jantek-elec.com.tw  
Web-Site : www.jantek-elec.com.tw