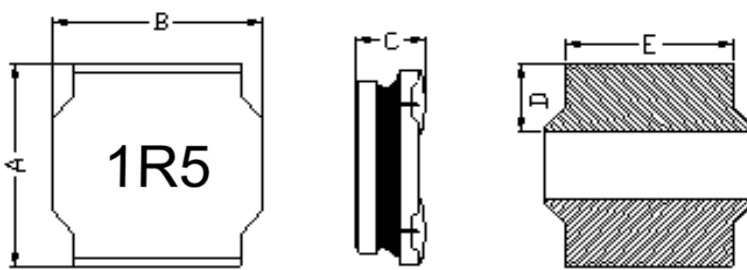


# SPECIFICATION FOR APPROVAL

|           |                                                                                    |          |                |
|-----------|------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                     | SPEC NO. | SP-0190107008  |
| ITEM      | JNR 6045H-1R5M <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 | 6.00 | ±0.3 |
|                                                                                   | B | 6.00 | ±0.3 |
|                                                                                   | C | 4.20 | ±0.3 |
|                                                                                   | D | 1.90 | ±0.3 |
|                                                                                   | E | 4.80 | ±0.3 |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |

| (2) ELECTRICAL CHARACTERISTIC |                              | TEST INSTRUMENTS.                                                               |
|-------------------------------|------------------------------|---------------------------------------------------------------------------------|
| INDUCTANCE                    | 1.5 ± 20% $\mu$ H            | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.            |
| TEST FREQUENCY                | 1 MHz                        | <input type="checkbox"/> AGILENT 4285A Precision L.C.R.                         |
| TEST VOLT                     | 1 V                          | <input type="checkbox"/> HP-4286A RF L.C.R. Meter.                              |
| RDC                           | 11.7 ± 20% m $\Omega$        | <input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer. |
| Isat                          | 12.00 (typ) A<br>11.00 (max) | <input type="checkbox"/> ZENTECH 101 L.C.R. Meter.                              |
| Irms                          | 7.00 (typ) A<br>6.60 (max)   | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.          |
|                               |                              | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                  |
|                               |                              | <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.            |
|                               |                              | <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.                        |

## REMARK :

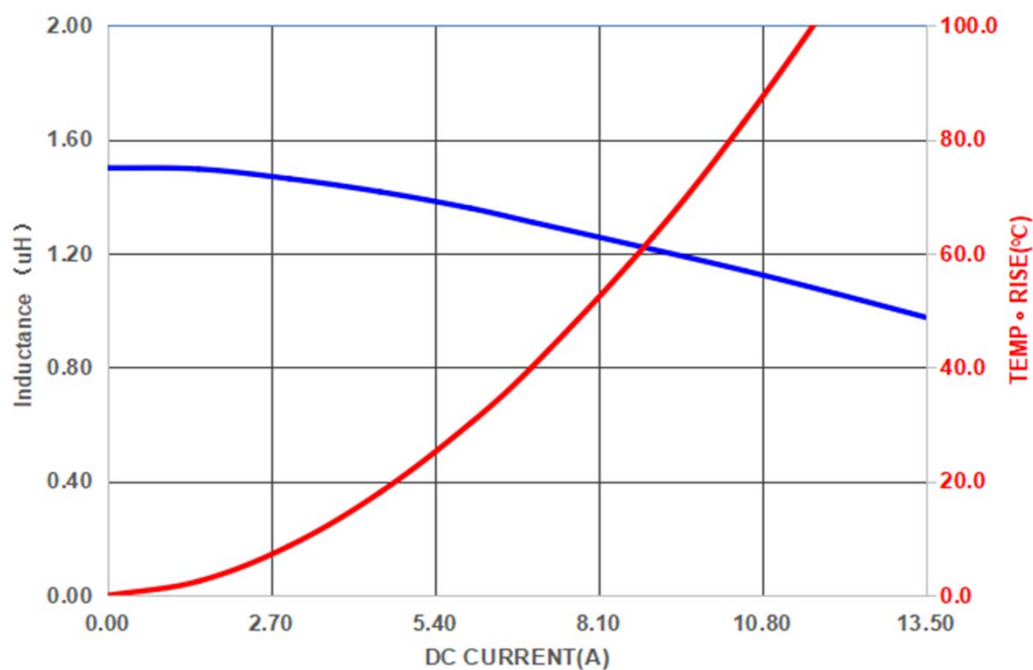
- All test data referenced to 25°C ambient
- Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.
- Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C

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

# TEST REPORT

SPEC NO : SP-0190107008

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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