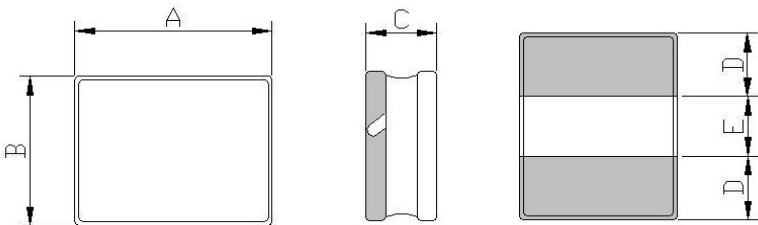


# SPECIFICATION FOR APPROVAL

|           |                                                                                      |          |                |
|-----------|--------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                       | SPEC NO. | SP-0221121029  |
| ITEM      | JNR 252010F-R47M <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 | 2.50 | -0.1/+0.2 |
|                                                                                   | B | 2.00 | -0.1/+0.2 |
|                                                                                   | C | 1.00 | Max       |
|                                                                                   | D | 0.75 | Ref       |
|                                                                                   | E | 1.00 | Ref       |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |
|                                                                                   |   |      |           |

| (2) ELECTRICAL CHARACTERISTIC |                                      | TEST INSTRUMENTS.                                                                                                                           |
|-------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 0.47 ± 20% $\mu$ H                   | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer<br><input type="checkbox"/> Agilent 4287A RF LCR Meter       |
| TEST FREQUENCY                | 1 MHz                                | <input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.                               |
| TEST VOLT                     | 1 V                                  | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.                                                              |
| RDC                           | 0.027 (typ.) $\Omega$<br>0.035 (max) | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                                      |
| Isat                          | 7.00 (typ.) A<br>5.90 (max)          | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter |
| Irms                          | 4.60 (1) (typ.) A<br>5.30 (2)        | <input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                         |
| Irms                          | 4.20 (1) (max) A<br>4.80 (2)         | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                                                                                      |

## REMARK :

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

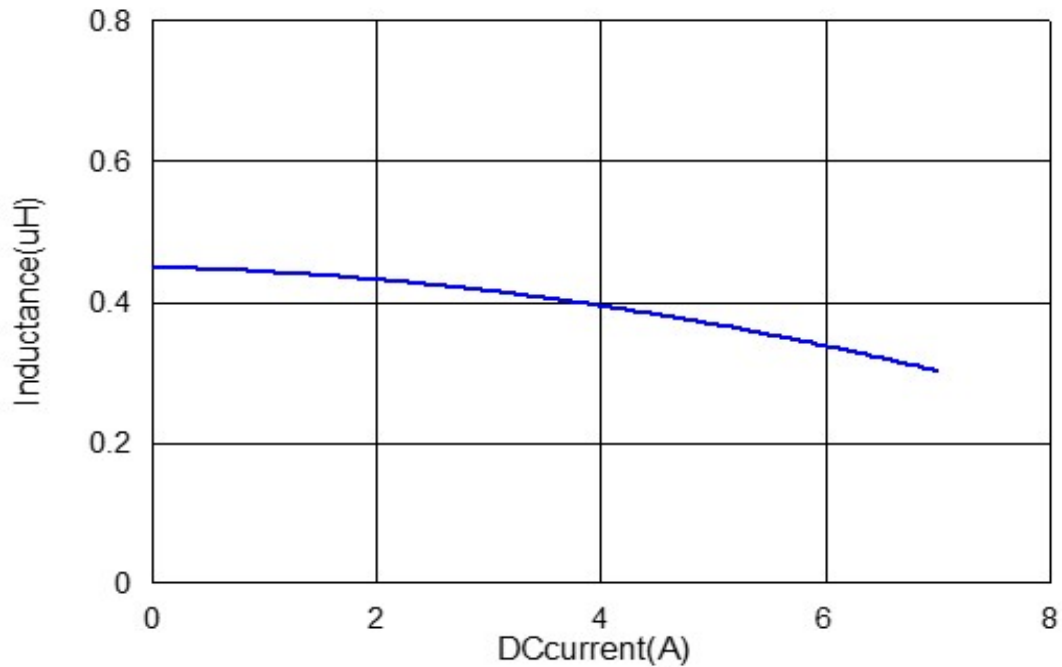
Rated DC current: The lower value of Irms and Isat.

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

# TEST REPORT

SPEC NO : SP-0221121029

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 :

