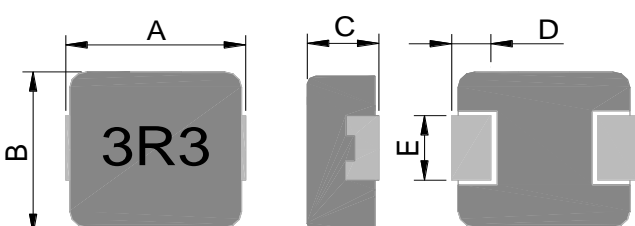


# SPECIFICATION FOR APPROVAL

|           |   |          |                |
|-----------|---|----------|----------------|
| COMMODITY | SMD POWER COIL  | SPEC NO. | SP-0230330006  |
| ITEM      | JRPI 0402P-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 | 4.45 | ± 0.25 |  |
|   | B | 4.10 | ± 0.20 |  |
|   | C | 1.80 | ± 0.20 |  |
|   | D | 0.80 | ± 0.25 |  |
|   | E | 2.00 | ± 0.20 |  |
|   |   |      |        |  |
|   |   |      |        |  |
|   |   |      |        |  |
|   |   |      |        |  |
|   |   |      |        |  |

| (2) ELECTRICAL CHARACTERISTIC | TEST INSTRUMENTS.                 |   |
|-------------------------------|-----------------------------------|---|
| INDUCTANCE                    | 3.3 ± 20%      μH                 | <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.<br><input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. |
| TEST FREQUENCY                | 100      KHz                      | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.  |
| TEST VOLT                     | 1      V                          | <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter<br><input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter  |
| RDC                           | 65.0 (typ.)<br>75.0 (max)      mΩ | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600  |
| Isat                          | 3.1 (typ.)<br>2.7 (max)      A    |   |
| Irms                          | 4.5 (typ.)<br>3.5 (max)      A    |   |
|                               |                                   |   |

**REMARK :**

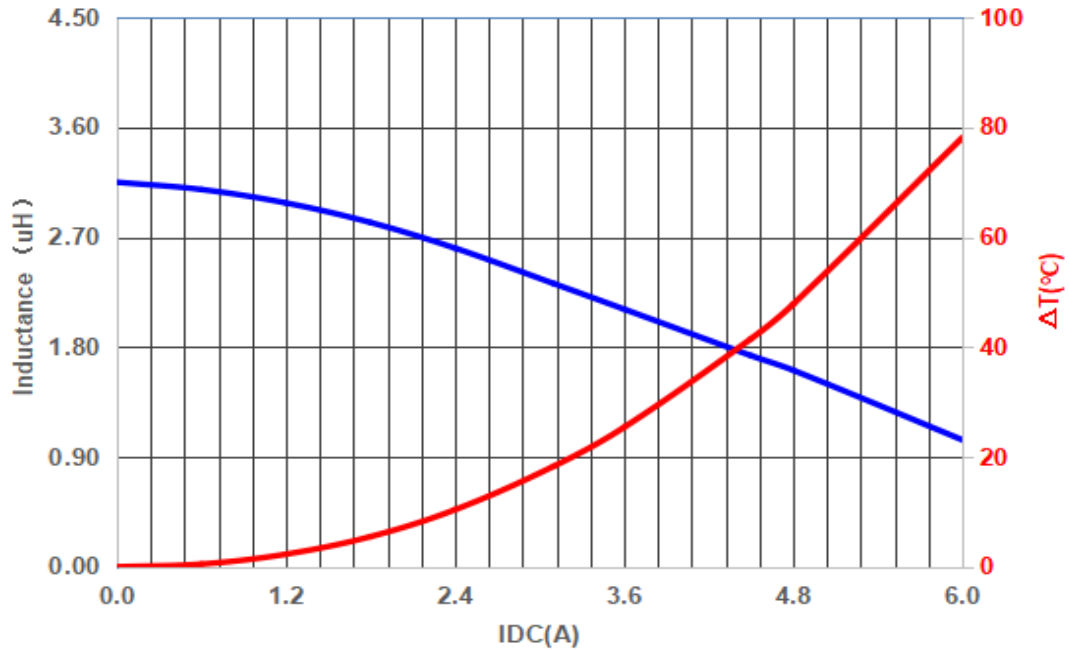
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

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

# TEST REPORT

SPEC NO : SP-0230330006

Typical Performance Curves



Test Instrument :

Chroma 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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