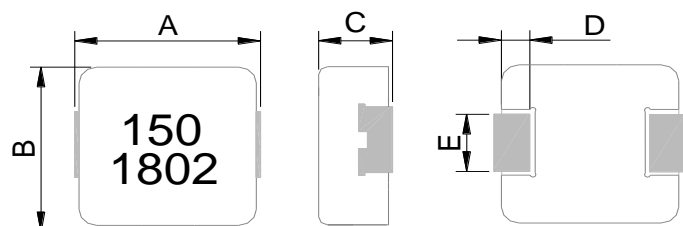


# SPECIFICATION FOR APPROVAL

|           |   |          |                |
|-----------|---|----------|----------------|
| COMMODITY | SMD POWER COIL  | SPEC NO. | SP-0230331021  |
| ITEM      | JRPI 0502P-150M <span style="border: 1px solid black; padding: 2px;">Green</span> | 版本：A     | 表單編號：QR-012-02 |

| (1) DIMENSION: (UNIT: mm)   |   | DIM. | TOL.   |
|---|---|------|--------|
|  | A | 5.70 | ± 0.30 |
|   | B | 5.20 | ± 0.20 |
|   | C | 1.80 | ± 0.20 |
|   | D | 1.00 | ± 0.30 |
|   | E | 2.50 | ± 0.30 |
|   |   |      |        |

| (2) ELECTRICAL CHARACTERISTIC | TEST INSTRUMENTS.               |   |
|-------------------------------|---------------------------------|---|
| INDUCTANCE                    | 15 ± 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                           | 224 (typ.)<br>252 (max)      mΩ | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600  |
| Isat                          | 2.6 (typ.)<br>2.3 (max)      A  |   |
| Irms                          | 2.2 (typ.)<br>1.9 (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

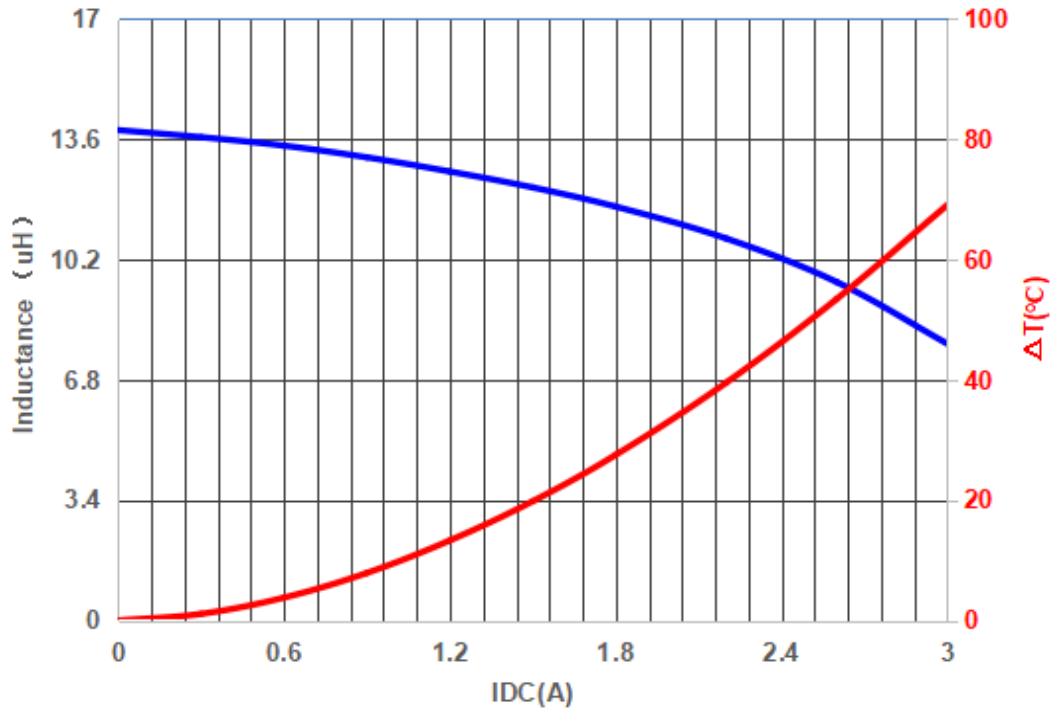
|                              |  |   |   |
|------------------------------|--|---|---|
| <b>PURCHASER CONFIRMED :</b> | APPROVED   | CHECKED   | DRAWN   |
|                              |  |  |  |



# TEST REPORT

SPEC NO : SP-0230331021

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



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260  
E-mail : jantek@jantek-elec.com.tw  
Web-Site : www.jantek-elec.com.tw