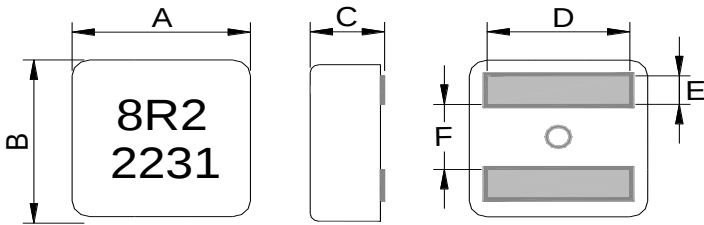


# SPECIFICATION FOR APPROVAL

|           |                                                                                      |          |                |
|-----------|--------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                       | SPEC NO. | SP-0220908015  |
| ITEM      | JRPI 0505FL-8R2M <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 | ±0.20 |
|                                                                                   | B | 5.70 | ±0.20 |
|                                                                                   | C | 4.80 | ±0.20 |
|                                                                                   | D | 4.30 | ±0.30 |
|                                                                                   | E | 1.10 | ±0.20 |
|                                                                                   | F | 2.30 | ±0.25 |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |

| (2) ELECTRICAL CHARACTERISTIC |                           |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                      |
|-------------------------------|---------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 8.2 ± 20%                 | μ H | <input checked="" 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. |
| TEST FREQUENCY                | 100                       | KHz | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                                                               |
| TEST VOLT                     | 0.1                       | V   | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter                                                                                                            |
| RDC                           | 29.5 (typ.)<br>32.5 (max) | mΩ  | <input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                                                                                                                                    |
| Isat                          | 7.2 (typ.)<br>6.1 (max)   | A   | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                                                                                                                                                                                                 |
| Irms 20°C rise                | 4.6 (typ.)                | A   |                                                                                                                                                                                                                                                        |
| Irms 40°C rise                | 6.1 (typ.)                | A   |                                                                                                                                                                                                                                                        |

## REMARK :

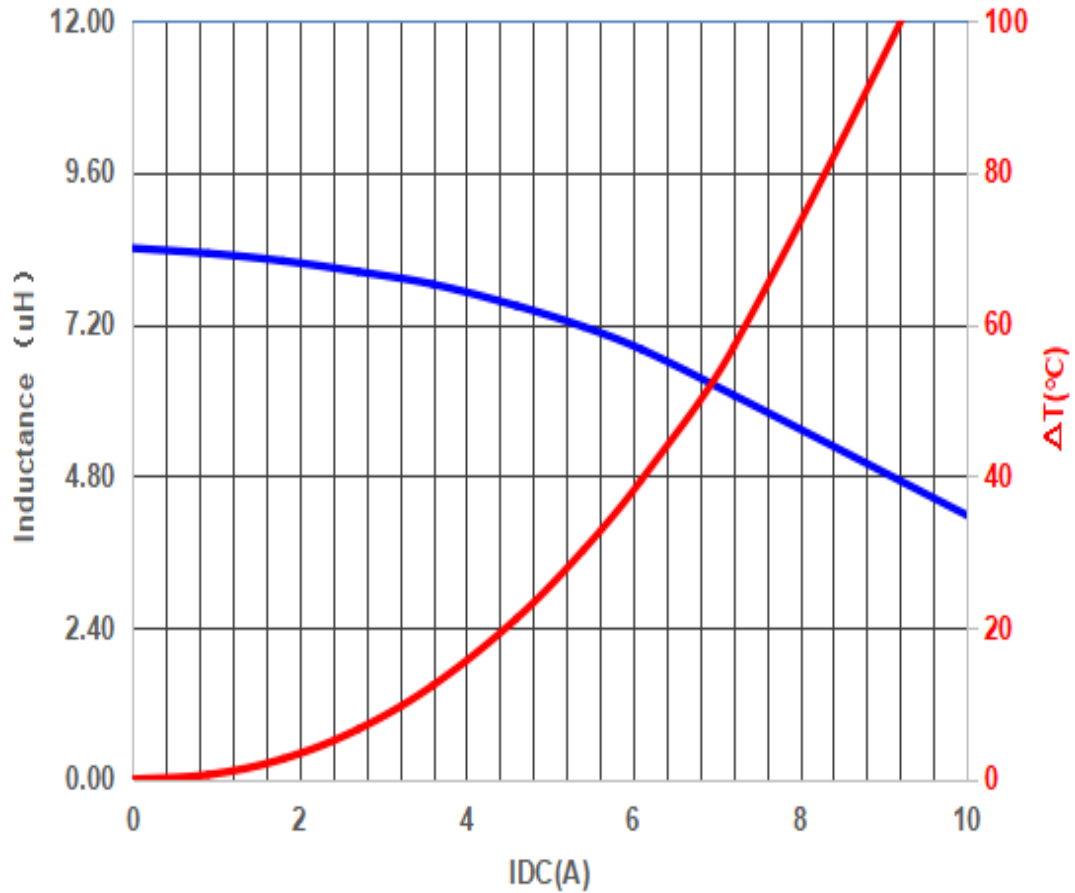
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage(across inductor)15V Ref.
4. Rated DC current: The lower value of Irms and Isat.

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

# TEST REPORT

SPEC NO : SP-0220908015

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