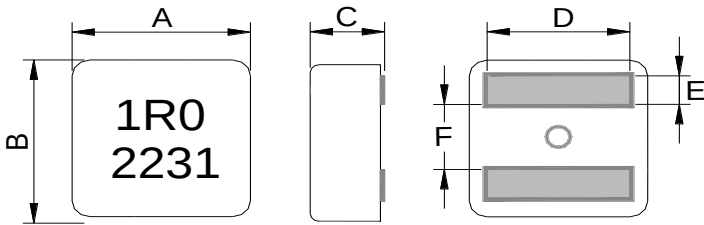


# SPECIFICATION FOR APPROVAL

|           |                                                                                       |          |                |
|-----------|---------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                        | SPEC NO. | SP-0220803013  |
| ITEM      | JRPI 0606FLV-1R0M <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 | 7.20 | ±0.20 |
|                                                                                   | B | 6.90 | ±0.20 |
|                                                                                   | C | 5.80 | ±0.20 |
|                                                                                   | D | 5.30 | ±0.30 |
|                                                                                   | E | 1.40 | ±0.20 |
|                                                                                   | F | 2.60 | ±0.25 |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |

| (2) ELECTRICAL CHARACTERISTIC |                           |     | TEST INSTRUMENTS.                                                              |
|-------------------------------|---------------------------|-----|--------------------------------------------------------------------------------|
| INDUCTANCE                    | 1.0 ± 20%                 | μ H | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer |
| TEST FREQUENCY                | 100                       | KHz | <input type="checkbox"/> Agilent 4287A RF LCR Meter                            |
| TEST VOLT                     | 0.1                       | V   | <input type="checkbox"/> AGILENT 4285A Precision L.C.R.                        |
| RDC                           | 3.90 (typ.)<br>4.29 (max) | mΩ  | <input type="checkbox"/> HP-4286A RF L.C.R. Meter.                             |
| Isat                          | 18.0 (typ.)<br>16.0 (max) | A   | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. |
| Irms 20°C rise                | 15.0 (typ.)               | A   | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.         |
| Irms 40°C rise                | 19.0 (typ.)               | A   | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                 |
|                               |                           |     | <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter      |
|                               |                           |     | <input type="checkbox"/> ZENTECH 502AC Resistance Merter                       |
|                               |                           |     | <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                        |
|                               |                           |     | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                         |

## 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.

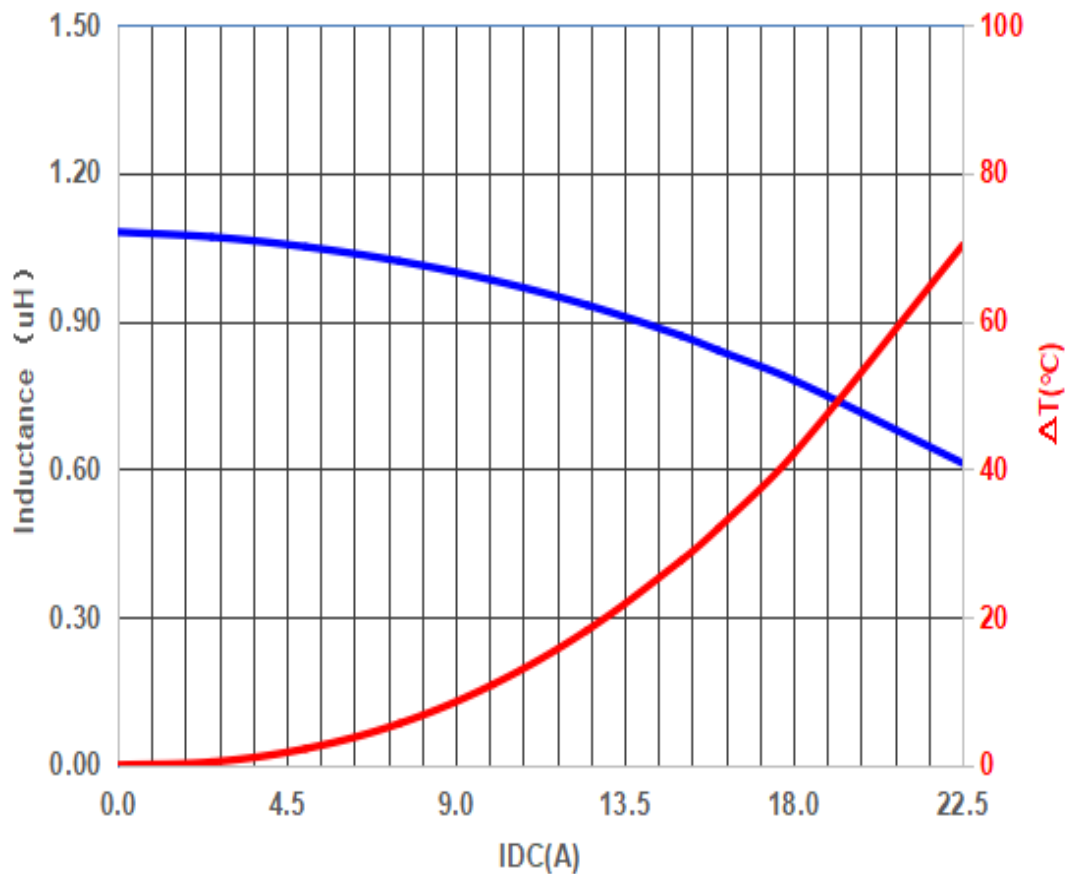
## PURCHASER CONFIRMED :

| APPROVED                                                                             | CHECKED                                                                               | DRAWN                                                                                 |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |

# TEST REPORT

SPEC NO : SP-0220803013

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer  
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28 $^{\circ}C$   
Humidity : 60 to 70 % RH

Check by :



Test by :



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