

SPECIFICATION FOR APPROVAL

| | | | |
|-----------|--|----------|----------------|
| COMMODITY | SMD POWER COIL | SPEC NO. | SP-0220704013 |
| ITEM | JRPI 0703FV-4R7M Green | 版本：A | 表單編號：QR-012-02 |

| (1) DIMENSION: (UNIT: mm) | | DIM. | TOL. | |
|---------------------------|---|------|-------|--|
| | A | 8.40 | ±0.30 | |
| | B | 8.00 | ±0.30 | |
| | C | 2.90 | ±0.20 | |
| | D | 6.20 | ±0.30 | |
| | E | 1.75 | ±0.20 | |
| | F | 3.15 | ±0.25 | |
| | | | | |
| | | | | |

| (2) ELECTRICAL CHARACTERISTIC | | | TEST INSTRUMENTS. |
|-------------------------------|---------------------------|-----|--|
| INDUCTANCE | 4.7 ± 20% | μ H | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer <input type="checkbox"/> Agilent 4287A RF LCR Meter <input type="checkbox"/> AGILENT 4285A Precision L.C.R. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. |
| TEST FREQUENCY | 100 | KHz | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. |
| TEST VOLT | 0.1 | V | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter |
| RDC | 24.2 (typ.) 26.7 (max) | mΩ | <input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter |
| Isat | 13.5 (typ.) 12.2 (max) | A | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600 |
| Irms 20°C rise | 6.9 (typ.) | A | |
| Irms 40°C rise | 9.0 (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) 40V Ref.
4. Rated DC current: The lower value of Irms and Isat.

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



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260

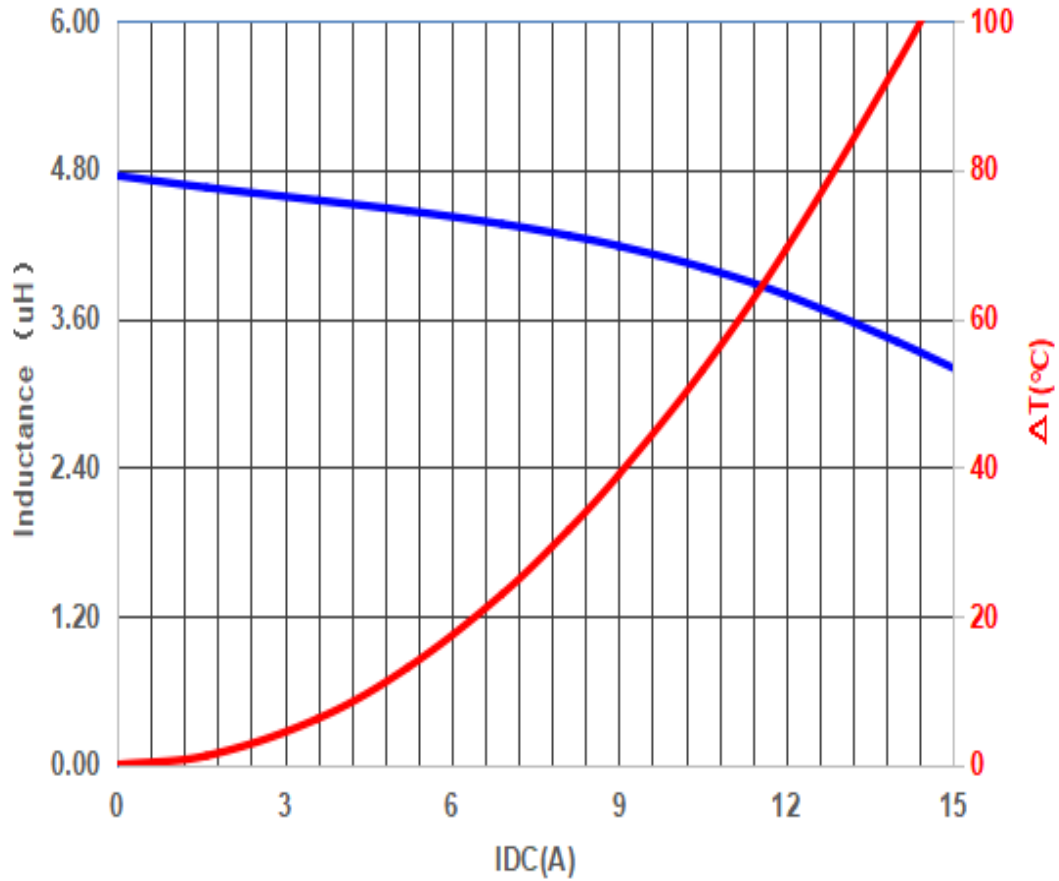
E-mail : jantek@jantek-elec.com.tw

Web-Site : www.jantek-elec.com.tw

TEST REPORT

SPEC NO : SP-0220704013

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