

SPECIFICATION FOR APPROVAL

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|-----------|--|----------|----------------|
| COMMODITY | SMD POWER COIL | SPEC NO. | SP-0220704043 |
| ITEM | JRPI 1010FV-6R8M Green | 版本：A | 表單編號：QR-012-02 |

| (1) DIMENSION: (UNIT: mm) | | DIM. | TOL. |
|---------------------------|---|-------|-------|
| | A | 11.90 | ±0.30 |
| | B | 11.00 | ±0.30 |
| | C | 9.70 | ±0.30 |
| | D | 9.00 | ±0.30 |
| | E | 2.40 | ±0.20 |
| | F | 4.40 | ±0.30 |
| | | | |

| (2) ELECTRICAL CHARACTERISTIC | | | TEST INSTRUMENTS. |
|-------------------------------|---------------------------|-----|---|
| INDUCTANCE | 6.8 ± 20% | μ H | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer <input type="checkbox"/> Agilent 4287A RF LCR Meter |
| TEST FREQUENCY | 100 | KHz | <input type="checkbox"/> AGILENT 4285A Precision L.C.R. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. |
| TEST VOLT | 0.1 | V | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. |
| RDC | 8.1 (typ.) 8.9 (max) | mΩ | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. |
| Isat | 21.8 (typ.) 18.5 (max) | A | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter |
| Irms 20°C rise | 14.0 (typ.) | A | <input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter |
| Irms 40°C rise | 18.5 (typ.) | A | <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) 40V Ref.
4. Rated DC current: The lower value of Irms and Isat.

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



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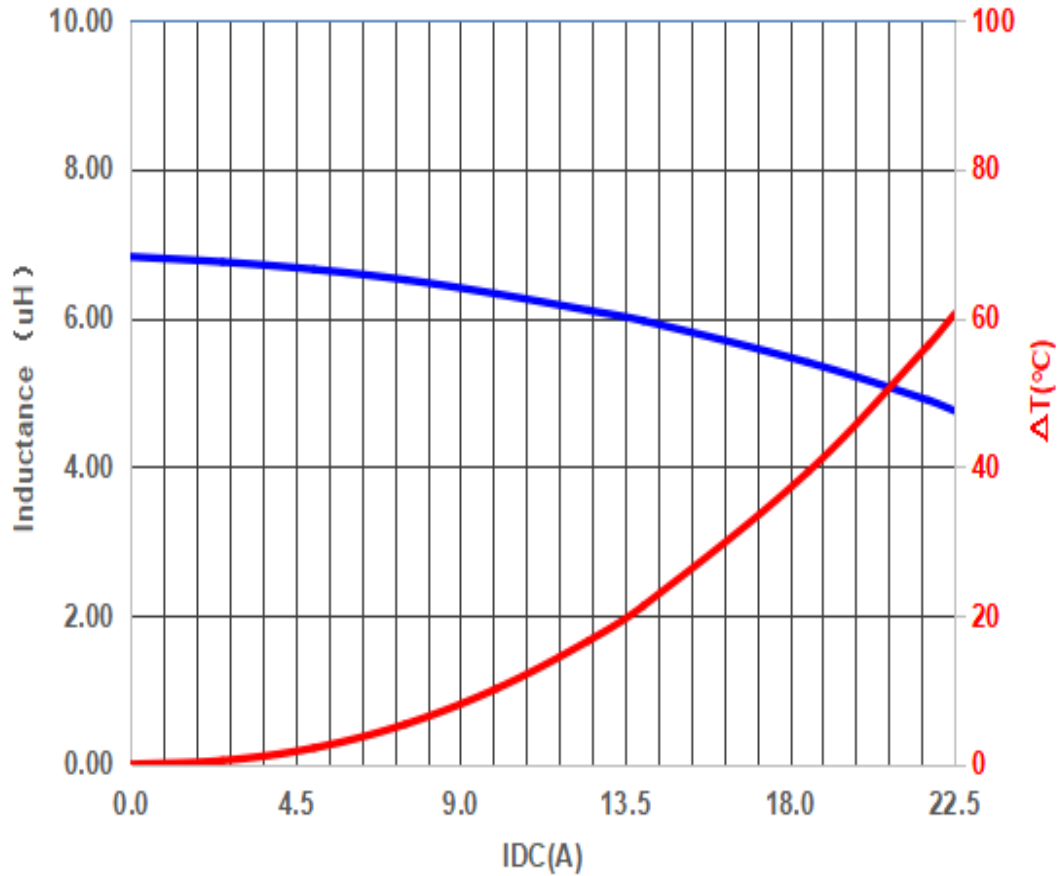
E-mail : jantek@jantek-elec.com.tw

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

TEST REPORT

SPEC NO : SP-0220704043

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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