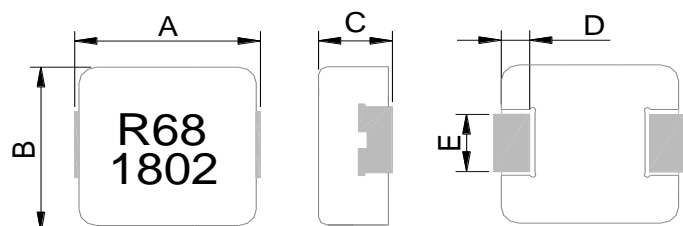


SPECIFICATION FOR APPROVAL

| | | | |
|-----------|---|----------|----------------|
| COMMODITY | SMD POWER COIL | SPEC NO. | SP-0230331027 |
| ITEM | JRPI 0502P-R68M Green | 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. | | | | | | | | | | | | | | | | | | |
|---|---------------------------|------------|-----|----------------|-----|-----|-----------|---|---|-----|-------------------------|----|------|-------------------------|---|------|---------------------------|---|---|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">INDUCTANCE</td> <td style="width: 25%;">0.68 ± 20%</td> <td style="width: 5%;">μ H</td> </tr> <tr> <td>TEST FREQUENCY</td> <td>100</td> <td>KHz</td> </tr> <tr> <td>TEST VOLT</td> <td>1</td> <td>V</td> </tr> <tr> <td>RDC</td> <td>8.0 (typ.) 9.2 (max)</td> <td>mΩ</td> </tr> <tr> <td>Isat</td> <td>8.0 (typ.) 7.0 (max)</td> <td>A</td> </tr> <tr> <td>Irms</td> <td>12.0 (typ.) 10.0 (max)</td> <td>A</td> </tr> </table> | INDUCTANCE | 0.68 ± 20% | μ H | TEST FREQUENCY | 100 | KHz | TEST VOLT | 1 | V | RDC | 8.0 (typ.) 9.2 (max) | mΩ | Isat | 8.0 (typ.) 7.0 (max) | A | Irms | 12.0 (typ.) 10.0 (max) | A | <input 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. <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <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 |
| INDUCTANCE | 0.68 ± 20% | μ H | | | | | | | | | | | | | | | | | |
| TEST FREQUENCY | 100 | KHz | | | | | | | | | | | | | | | | | |
| TEST VOLT | 1 | V | | | | | | | | | | | | | | | | | |
| RDC | 8.0 (typ.) 9.2 (max) | mΩ | | | | | | | | | | | | | | | | | |
| Isat | 8.0 (typ.) 7.0 (max) | A | | | | | | | | | | | | | | | | | |
| Irms | 12.0 (typ.) 10.0 (max) | A | | | | | | | | | | | | | | | | | |

REMARK :

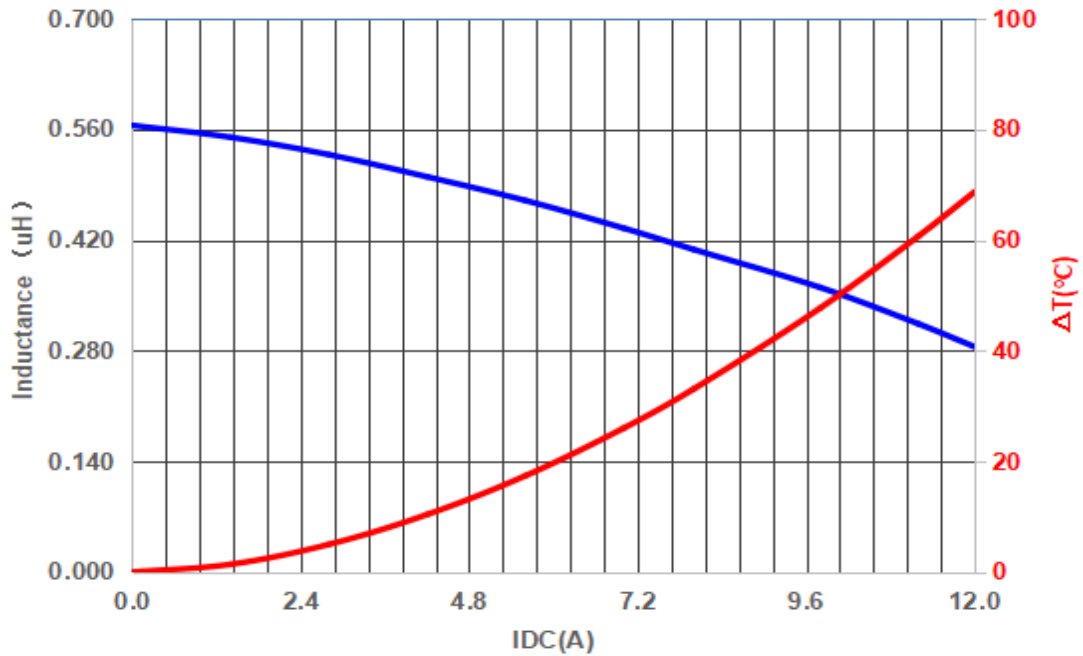
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

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

TEST REPORT

SPEC NO : SP-0230331027

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