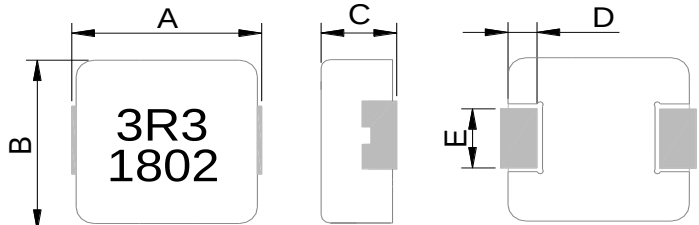


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0230411045  |
| ITEM      | JRPI 1004P-3R3M <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 | 11.00 | ±0.30 |
|                                                                                   | B | 10.00 | ±0.30 |
|                                                                                   | C | 3.80  | ±0.20 |
|                                                                                   | D | 2.00  | ±0.30 |
|                                                                                   | E | 3.00  | ±0.30 |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |

| (2) ELECTRICAL CHARACTERISTIC |                           |     | TEST INSTRUMENTS.                                                              |
|-------------------------------|---------------------------|-----|--------------------------------------------------------------------------------|
| INDUCTANCE                    | 3.3 ± 20%                 | μ H | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer            |
| TEST FREQUENCY                | 100                       | KHz | <input type="checkbox"/> Agilent 4287A RF LCR Meter                            |
| TEST VOLT                     | 1                         | V   | <input type="checkbox"/> AGILENT 4285A Precision L.C.R.                        |
| RDC                           | 10.5 (typ.)<br>11.8 (max) | mΩ  | <input type="checkbox"/> HP-4286A RF L.C.R. Meter.                             |
| Isat                          | 17.5 (typ.)<br>14.0 (max) | A   | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. |
| Irms                          | 11.0 (typ.)<br>10.0 (max) | A   | <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                         |

## REMARK :

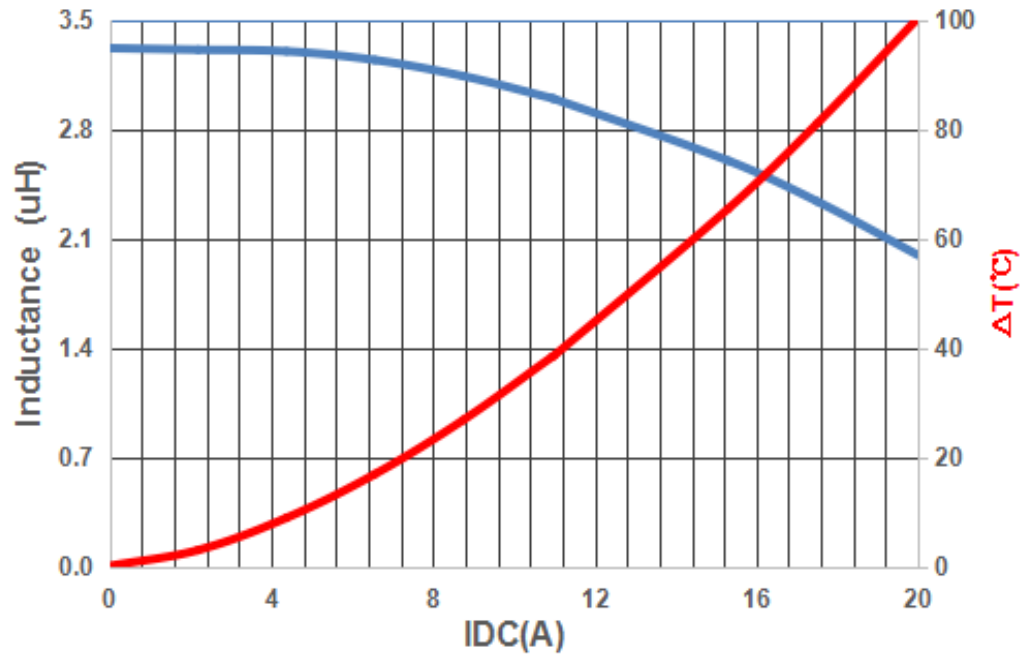
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

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

# TEST REPORT

SPEC NO : SP-0230411045

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 :



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