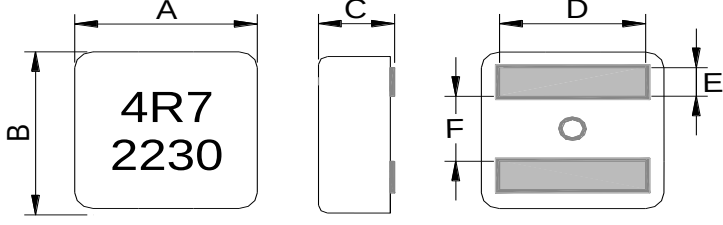


# SPECIFICATION FOR APPROVAL

|           |                                                                                       |          |                |
|-----------|---------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                        | SPEC NO. | SP-0220802008  |
| ITEM      | JRPI 0402FLV-4R7M <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 | 4.40 | ±0.20 |
|                                                                                   | B | 4.40 | ±0.20 |
|                                                                                   | C | 1.90 | ±0.20 |
|                                                                                   | D | 3.40 | ±0.30 |
|                                                                                   | E | 0.88 | ±0.20 |
|                                                                                   | F | 1.60 | ±0.25 |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |

| (2) ELECTRICAL CHARACTERISTIC |                           |              | TEST INSTRUMENTS                                                                                                                                                                                                                                       |
|-------------------------------|---------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 4.7 ± 20%                 | μ H          | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer<br><input type="checkbox"/> Agilent 4287A RF LCR Meter<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter. |
| TEST FREQUENCY                | 100                       | KHz          |                                                                                                                                                                                                                                                        |
| TEST VOLT                     | 0.1                       | V            |                                                                                                                                                                                                                                                        |
| RDC                           | 52.0 (typ.)<br>57.2 (max) | mΩ           | <input type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                                        |
| Isat                          | 1                         | 2.0 (typ.) A |                                                                                                                                                                                                                                                        |
|                               | 2                         | 2.7 (typ.) A |                                                                                                                                                                                                                                                        |
|                               | 3                         | 4.0 (typ.) A |                                                                                                                                                                                                                                                        |
|                               | 3                         | 3.5 (max) A  |                                                                                                                                                                                                                                                        |
| Irms 20°C rise                | 3.8 (typ.)                | A            | <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter<br><input type="checkbox"/> ZENTECH 502AC Resistance Merter                                                                                                                  |
| Irms 40°C rise                | 5.1 (typ.)                | A            |                                                                                                                                                                                                                                                        |
|                               |                           |              | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                                                                                                                                                                                                 |

## REMARK :

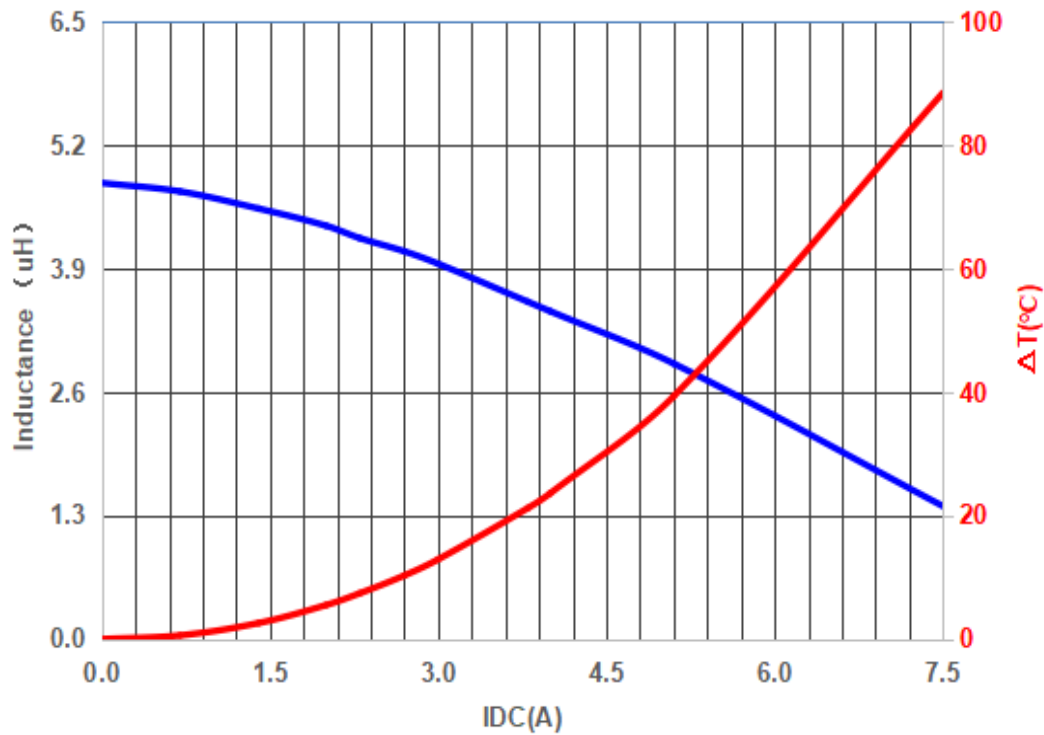
1. All test data referenced to 25°C ambient.
2. Current that causes the specified temperature rise from 25°C ambient.
3. Saturation Current (Isat 1) will cause L0 to drop approximately 10%.  
 Saturation Current (Isat 2) will cause L0 to drop approximately 20%.  
 Saturation Current (Isat 3) will cause L0 to drop approximately 30%.

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

# TEST REPORT

SPEC NO : SP-0220802008

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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