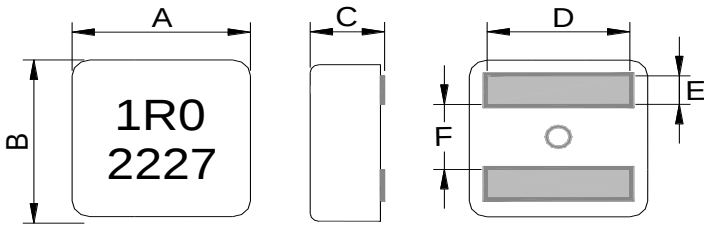


# SPECIFICATION FOR APPROVAL

|           |                                                                                      |          |                |
|-----------|--------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                       | SPEC NO. | SP-0220704001  |
| ITEM      | JRPI 0702FV-1R0M <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 | 8.40 | ±0.30 |
|                                                                                   | B | 8.00 | ±0.30 |
|                                                                                   | C | 1.85 | ±0.20 |
|                                                                                   | D | 6.20 | ±0.30 |
|                                                                                   | E | 1.75 | ±0.20 |
|                                                                                   | F | 3.15 | ±0.25 |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |
|                                                                                   |   |      |       |

| (2) ELECTRICAL CHARACTERISTIC |                           |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                      |
|-------------------------------|---------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 1.0 ± 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 | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                                                               |
| TEST VOLT                     | 0.1                       | V   | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter                                                                                                            |
| RDC                           | 9.8 (typ.)<br>10.8 (max)  | mΩ  | <input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                                                                                                                                    |
| Isat                          | 23.0 (typ.)<br>20.0 (max) | A   | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                                                                                                                                                                                                 |
| Irms 20°C rise                | 8.0 (typ.)                | A   |                                                                                                                                                                                                                                                        |
| Irms 40°C rise                | 11.0 (typ.)               | A   |                                                                                                                                                                                                                                                        |

## REMARK :

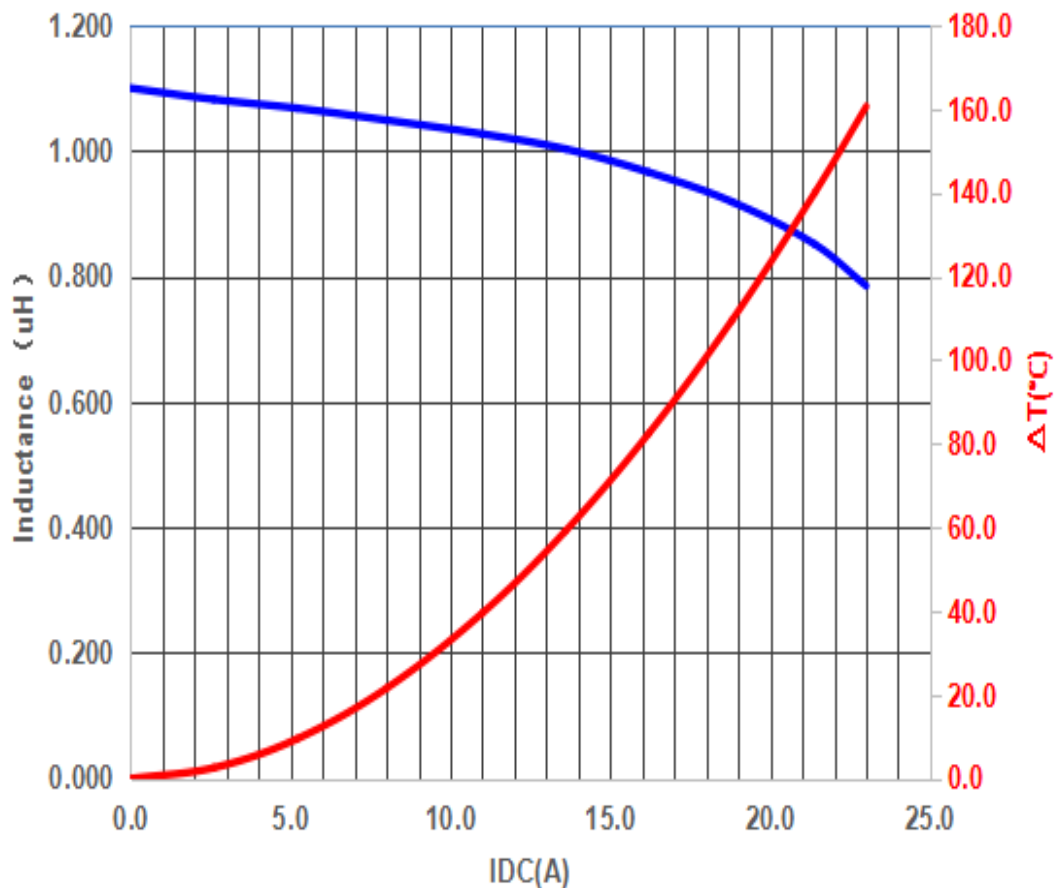
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage(across inductor) 40V Ref.
4. Rated DC current: The lower value of Irms and Isat.

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

# TEST REPORT

SPEC NO : SP-0220704001

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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