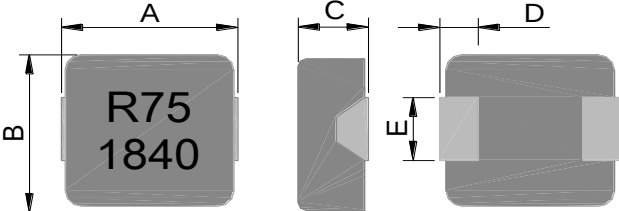


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0181109056  |
| ITEM      | JRPI 1004V-R75M <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    | 11.0 ± 0.5 |
|                                                                                   |  | B    | 10.0 ± 0.3 |
|                                                                                   |  | C    | 3.8 ± 0.2  |
|                                                                                   |  | D    | 2.3 ± 0.3  |
|                                                                                   |  | E    | 3.0 ± 0.3  |
|                                                                                   |  |      |            |
|                                                                                   |  |      |            |
|                                                                                   |  |      |            |
|                                                                                   |  |      |            |
|                                                                                   |  |      |            |

| (2) ELECTRICAL CHARACTERISTIC |                           |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|---------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 0.75 ± 20%                | μ H | <input 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.<br><input checked="" 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.<br><input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter<br><input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter<br><input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600 |
| TEST FREQUENCY                | 100                       | KHz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TEST VOLT                     | 1                         | V   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RDC                           | 2.40 (typ.)<br>2.70 (max) | mΩ  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isat                          | 39 (typ.)                 | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Irms                          | 22 (typ.)                 | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                               |                           |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## REMARK :

1. All test data referenced to 25°C ambient
2. Saturation Current (Isat1) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Compatible with AEC-Q200

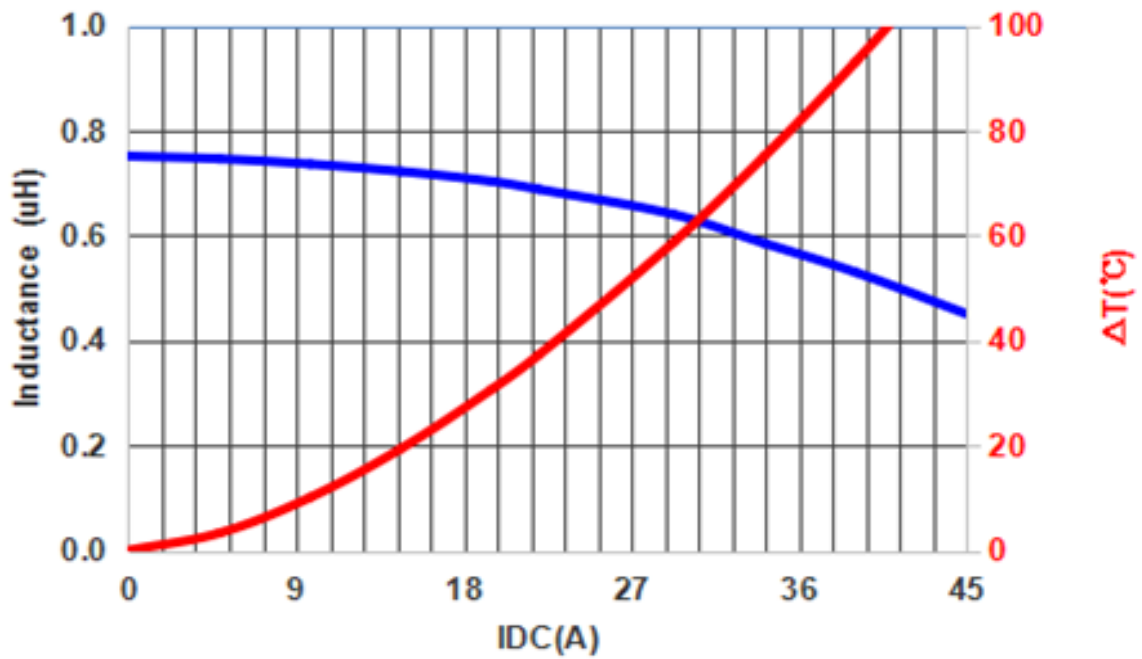
## PURCHASER CONFIRMED :

| APPROVED                                                                             | CHECKED                                                                               | DRAWN                                                                                 |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |

# TEST REPORT

SPEC NO : SP-0181109056

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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