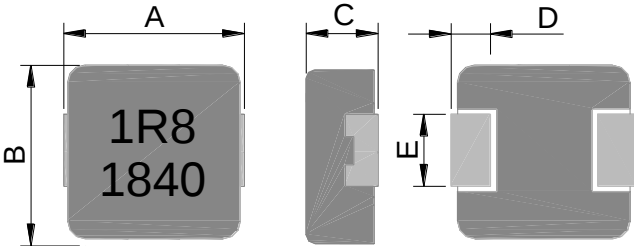


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0181212015  |
| ITEM      | JRPI 1205M-1R8M <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 | 13.5 | ± 0.5 |
|                                                                                   |  | B | 12.5 | ± 0.3 |
|                                                                                   |  | C | 4.8  | ± 0.2 |
|                                                                                   |  | D | 2.3  | ± 0.3 |
|                                                                                   |  | E | 4.7  | ± 0.3 |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |

| (2) ELECTRICAL CHARACTERISTIC |                                      | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 1.8 ± 20% $\mu$ H                    | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.<br><input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.<br><input type="checkbox"/> ZENTECH 101 L.C.R. Meter.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter. |
| TEST FREQUENCY                | 100 KHz                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| TEST VOLT                     | 1 V                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RDC                           | 4.00 (typ.)<br>4.90 (max) m $\Omega$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isat                          | 40 (typ.) A                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Irms                          | 21 (typ.) A                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## REMARK :

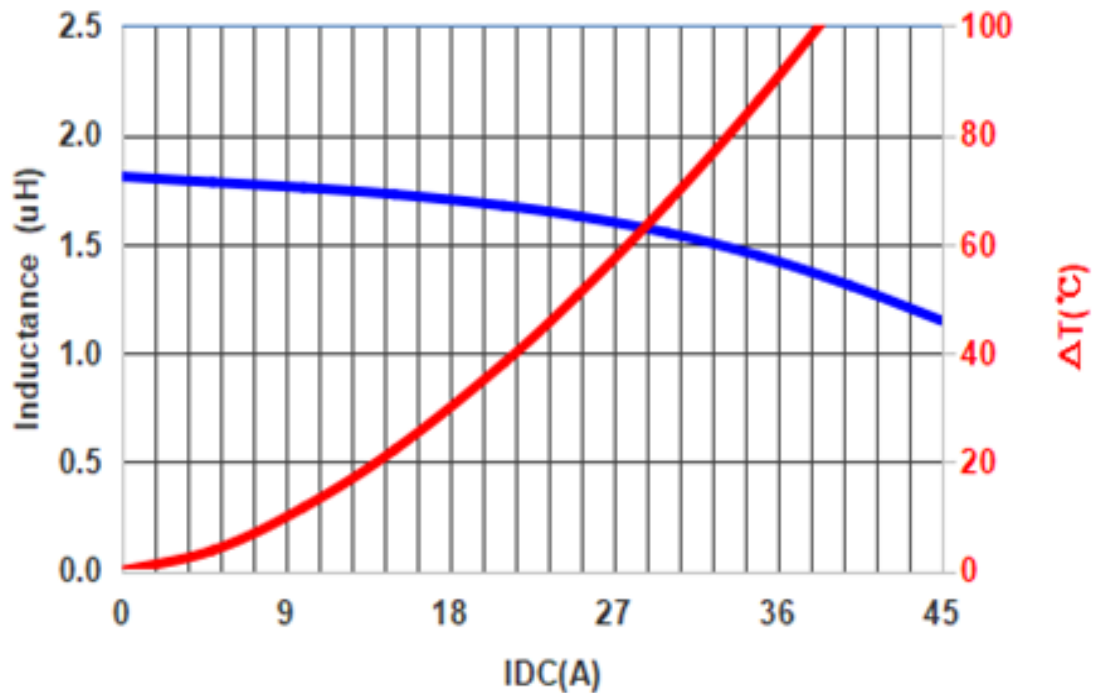
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C

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

# TEST REPORT

SPEC NO : SP-0181212015

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