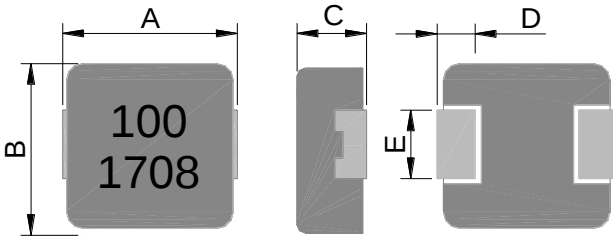


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0190503018  |
| ITEM      | JRPI 1206M-100M <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 | 5.7  | ± 0.3 |
|                                                                                   |  | D | 2.3  | ± 0.3 |
|                                                                                   |  | E | 4.7  | ± 0.3 |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |
|                                                                                   |  |   |      |       |

| (2) ELECTRICAL CHARACTERISTIC |                              | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 10 ± 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                           | 18.0 (typ.)<br>20.7 (max) mΩ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isat 1                        | 15.5 (typ.) A                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isat 2                        | 21.0 (typ.) A                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Irms                          | 11.0 (typ.) A                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## REMARK :

- All test data referenced to 25°C ambient
- Saturation Current (Isat 1) will cause L0 to drop approximately 20%  
Saturation Current (Isat 2) will cause L0 to drop approximately 30%
- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

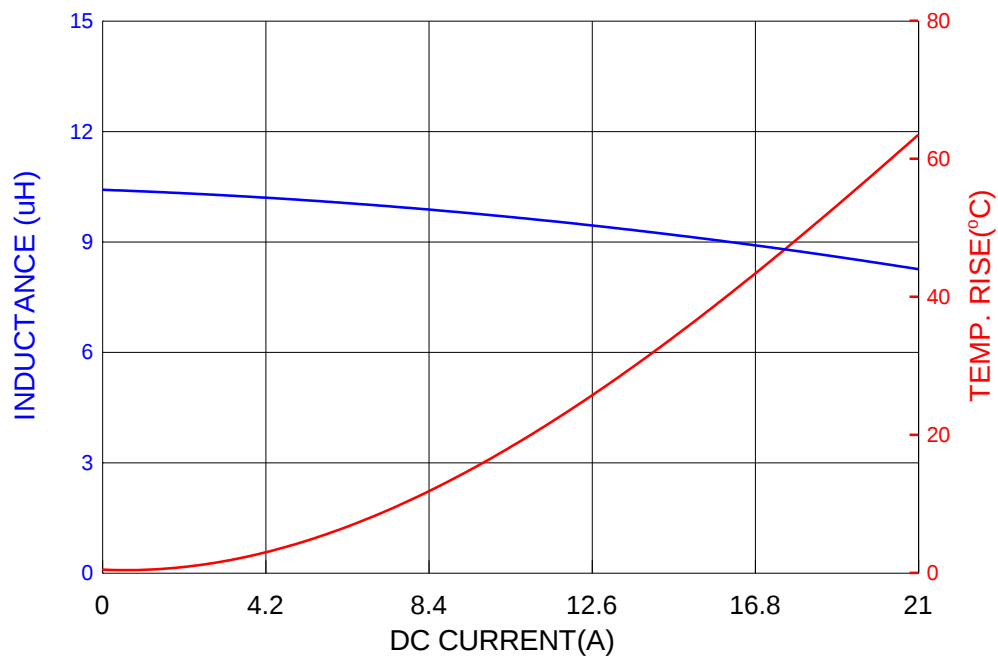
| PURCHASER CONFIRMED | APPROVED                                                                             | CHECKED                                                                               | DRAWN                                                                                 |
|---------------------|------------------------------------------------------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

# TEST REPORT

SPEC NO : SP-0190503018

## Typical Performance Curves

JRPI 1206M-100



### Test Instrument :

ZENTECH 3302 Automatic Components Analyzer

ZENTECH 1320 BIAS CURRENT

### Testing Condition :

Temperature : 25 to 28°C

Humidity : 60 to 70 % RH

Check by :



Test by :



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260

E-mail : jantek@jantek-elec.com.tw

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