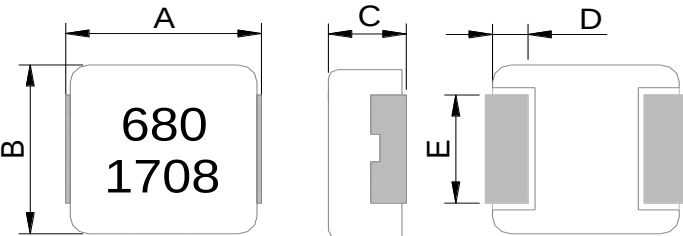


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0230411098  |
| ITEM      | JRPI 2313P-680M <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 | 23.50 | ±0.50 |
|                                                                                   | B | 22.00 | ±0.30 |
|                                                                                   | C | 12.60 | ±0.40 |
|                                                                                   | D | 5.00  | ±0.40 |
|                                                                                   | E | 19.00 | ±0.30 |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |
|                                                                                   |   |       |       |

| (2) ELECTRICAL CHARACTERISTIC |                                      | TEST INSTRUMENTS.                                                              |
|-------------------------------|--------------------------------------|--------------------------------------------------------------------------------|
| INDUCTANCE                    | 68 ± 20% $\mu$ H                     | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer            |
| TEST FREQUENCY                | 100 KHz                              | <input type="checkbox"/> Agilent 4287A RF LCR Meter                            |
| TEST VOLT                     | 1 V                                  | <input type="checkbox"/> AGILENT 4285A Precision L.C.R.                        |
| RDC                           | 26.2 (typ.)<br>29.5 (max) m $\Omega$ | <input type="checkbox"/> HP-4286A RF L.C.R. Meter.                             |
| Isat                          | 12.0 (typ.)<br>9.0 (max) A           | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. |
| Irms                          | 14.0 (typ.)<br>12.0 (max) A          | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.         |
|                               |                                      | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                 |
|                               |                                      | <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter      |
|                               |                                      | <input type="checkbox"/> ZENTECH 502AC Resistance Merter                       |
|                               |                                      | <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                        |
|                               |                                      | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                         |

## 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

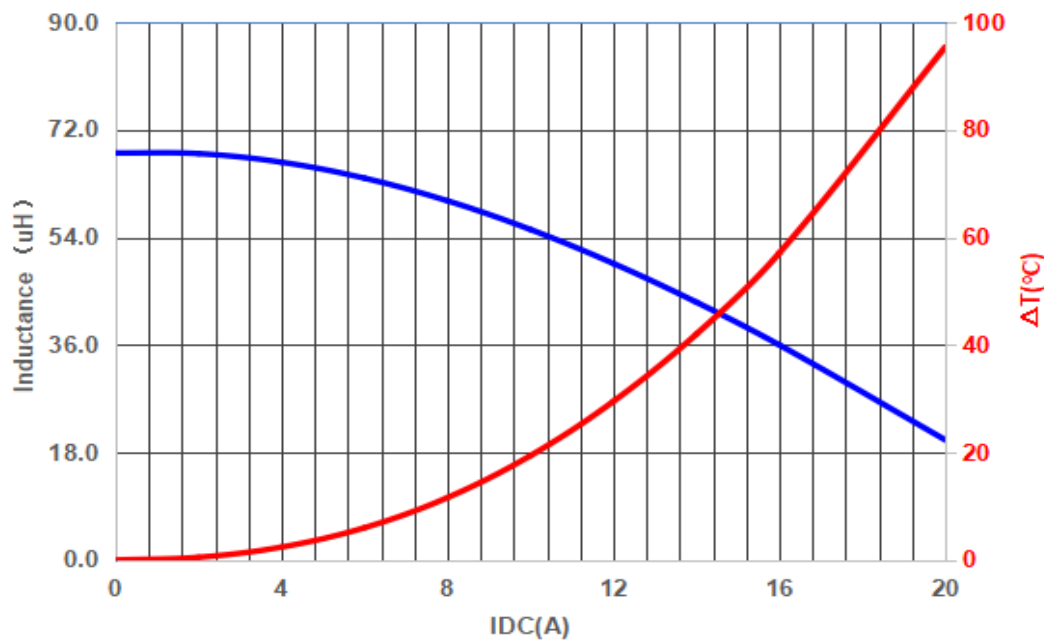
## PURCHASER CONFIRMED :

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

# TEST REPORT

SPEC NO : SP-0230411098

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer  
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28 $^{\circ}C$   
Humidity : 60 to 70 % RH

Check by :



Test by :



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260  
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Web-Site : [www.jantek-elec.com.tw](http://www.jantek-elec.com.tw)