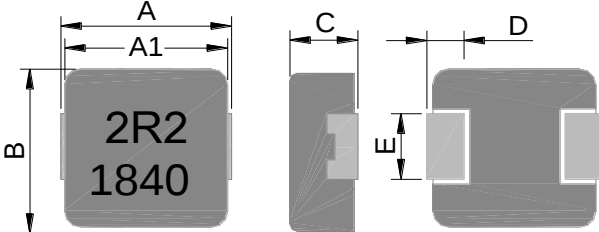


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0181108016  |
| ITEM      | JRPI 1206V-2R2M <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 |
|                                                                                   | A1 | 12.5 | ± 0.3 |
|                                                                                   | 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                    | 2.2 ± 20% $\mu$ H                   | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.                                                         |
| TEST FREQUENCY                | 100 KHz                             | <input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.                |
| TEST VOLT                     | 1 V                                 | <input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.                                              |
| RDC                           | 4.00 (typ) m $\Omega$<br>4.70 (max) | <input type="checkbox"/> ZENTECH 101 L.C.R. Meter.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. |
| Isat 1                        | 34 (typ) A                          | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                                                               |
| Isat 2                        | 43 (typ) A                          | <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.                                                         |
| Irms                          | 21 (typ) A                          | <input type="checkbox"/> ADEX AX-1155B DC Low Ohm                                                                            |

## REMARK :

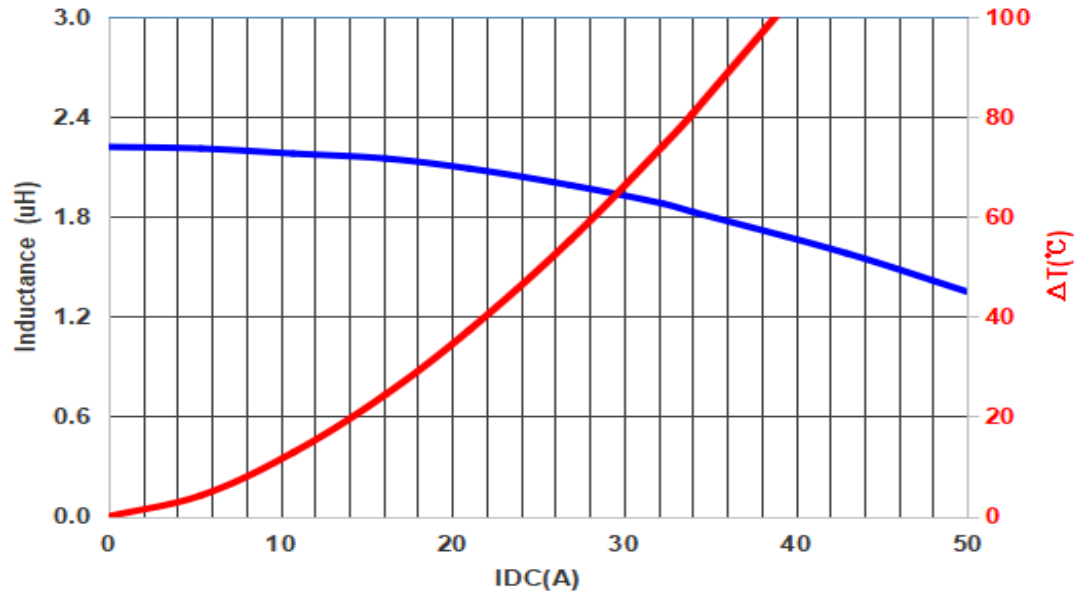
1. All test data referenced to 25℃ ambient
2. Saturation Current (Isat1) will cause L0 to drop approximately 20%
3. Saturation Current (Isat2) will cause L0 to drop approximately 30%
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40℃
5. Compatible with AEC-Q200

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

# TEST REPORT

SPEC NO : SP-0181108016

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 :

姜秀琴

Test by :

陳秀月



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