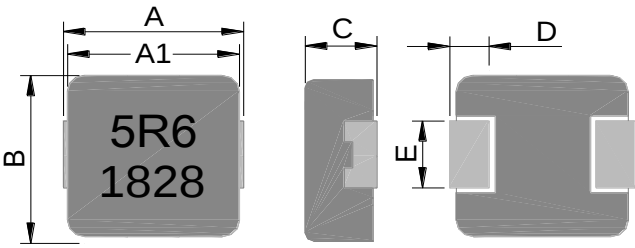


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0181121020  |
| ITEM      | JRPI 0602V-5R6M <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    | 7.3<br>± 0.3 |
|                                                                                   |  | A1   | 6.6<br>± 0.3 |
|                                                                                   |  | B    | 6.6<br>± 0.3 |
|                                                                                   |  | C    | 1.8<br>± 0.2 |
|                                                                                   |  | D    | 1.8<br>± 0.3 |
|                                                                                   |  | E    | 3.0<br>± 0.3 |
|                                                                                   |  |      |              |
|                                                                                   |  |      |              |
|                                                                                   |  |      |              |
|                                                                                   |  |      |              |

| (2) ELECTRICAL CHARACTERISTIC |                              | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 5.6 ± 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 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                           | 59.0 (typ.)<br>68.0 (max) mΩ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isat                          | 6.0 (typ.) A                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Irms                          | 4.0 (typ.) A                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                               |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## REMARK :

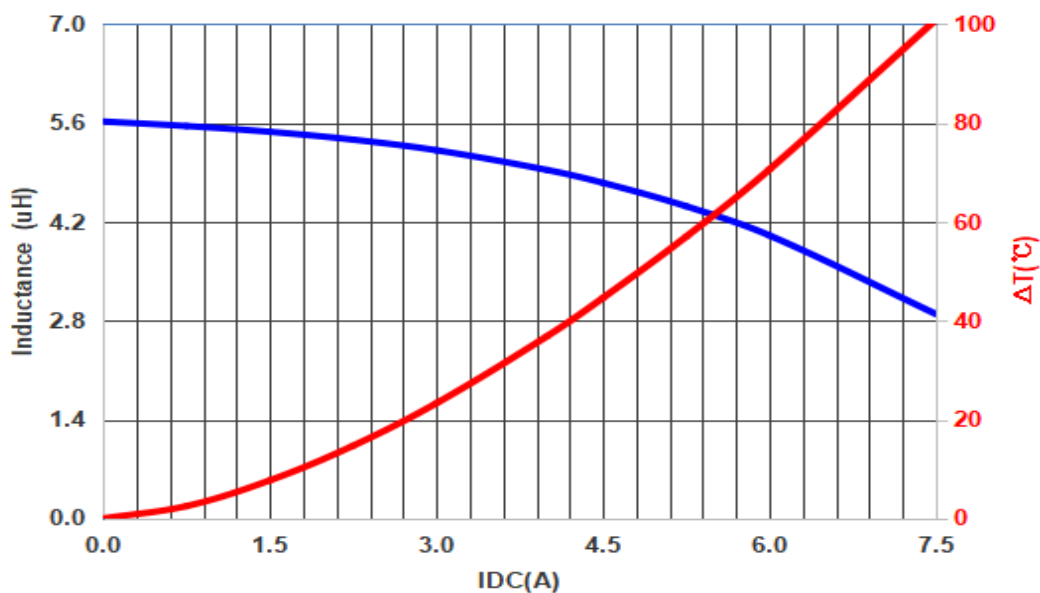
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
4. Compatible with AEC-Q200

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

# TEST REPORT

SPEC NO : SP-0181121020

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)