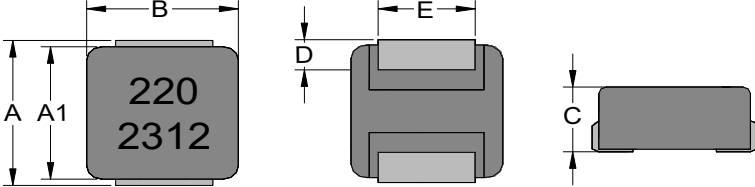


# SPECIFICATION FOR APPROVAL

|           |                                                                                      |          |                |
|-----------|--------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | Molding SMD Power Coils                                                              | SPEC NO. | SP-0230713030  |
| ITEM      | JRPI 0503PH-220M <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  | 5.60 | ± 0.30 |
|                                                                                   | A1 | 5.10 | ± 0.30 |
|                                                                                   | B  | 5.20 | ± 0.20 |
|                                                                                   | C  | 2.80 | ± 0.20 |
|                                                                                   | D  | 1.30 | ± 0.30 |
|                                                                                   | E  | 3.00 | ± 0.30 |
|                                                                                   |    |      |        |
|                                                                                   |    |      |        |
|                                                                                   |    |      |        |
|                                                                                   |    |      |        |

| (2) ELECTRICAL CHARACTERISTIC |                                       | TEST INSTRUMENTS.                                                                                                                                                                                                                           |
|-------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 22 ± 20% $\mu$ H                      | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer<br><input type="checkbox"/> Agilent 4287A RF LCR Meter<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter. |
| TEST FREQUENCY                | 100 KHz                               | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.                                                                                                                                                              |
| TEST VOLT                     | 1 V                                   | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                                                                                                                                      |
| RDC                           | 111.0 (typ.)<br>133.2 (max) $m\Omega$ | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                                                                                                                                                                              |
| Isat                          | 2.2 (typ.)<br>1.9 (max) A             | <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter                                                                                                                                                                   |
| Irms                          | 3.6 (typ.)<br>3.3 (max) A             | <input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><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

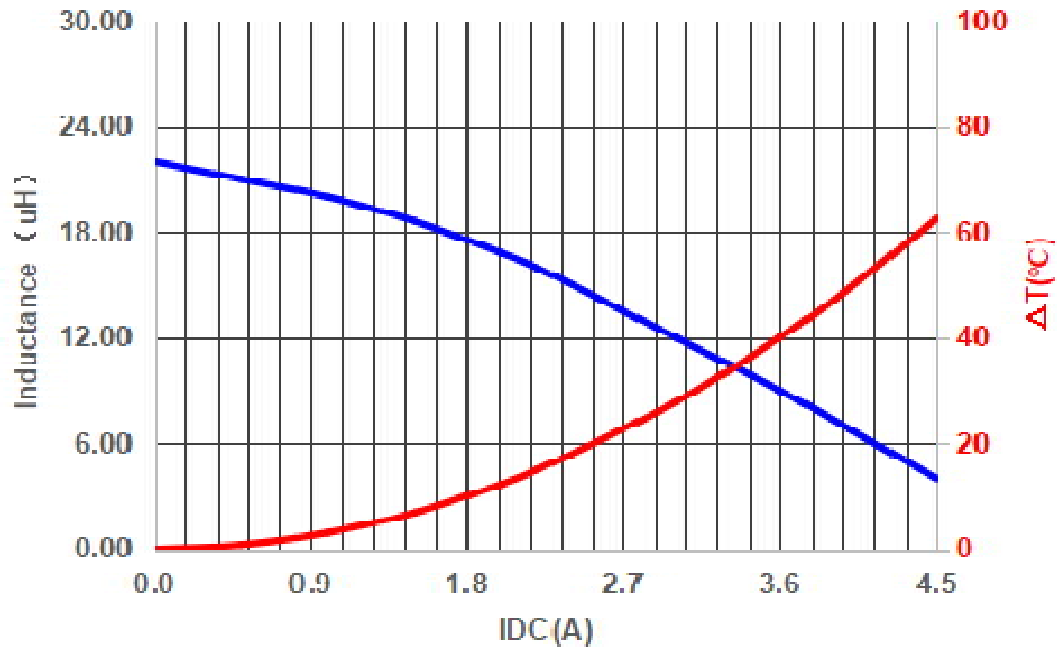
## PURCHASER CONFIRMED :

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

# TEST REPORT

SPEC NO : SP-0230713030

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 :



Test by :

