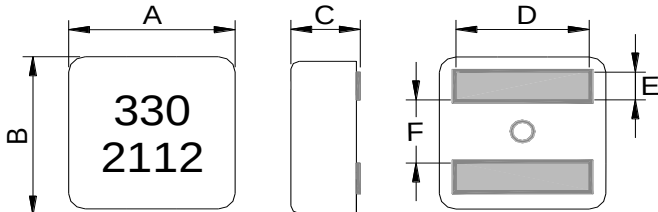


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0220518049  |
| ITEM      | JRPI 1510F-330M <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    | 17.50 ±0.30 |
|                                                                                   |  | B    | 16.50 ±0.30 |
|                                                                                   |  | C    | 9.70 ±0.30  |
|                                                                                   |  | D    | 13.20 ±0.50 |
|                                                                                   |  | E    | 3.20 ±0.20  |
|                                                                                   |  | F    | 7.00 ±0.30  |
|                                                                                   |  |      |             |
|                                                                                   |  |      |             |
|                                                                                   |  |      |             |
|                                                                                   |  |      |             |

| (2) ELECTRICAL CHARACTERISTIC |                                      | TEST INSTRUMENTS.                                                                                                                |
|-------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 33 ± 20% $\mu$ H                     | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.                                                  |
| TEST FREQUENCY                | 100 KHz                              | <input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.             |
| TEST VOLT                     | 0.1 V                                | <input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.                                                  |
| RDC                           | 18.7 (typ.)<br>20.0 (max) m $\Omega$ | <input type="checkbox"/> ZENTECH 101 L.C.R. Meter.                                                                               |
| Isat                          | 18.7 (typ.)<br>16.7 (max) A          | <input checked="" type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                |
| Irms 20°C rise                | 9.0 (typ.) A                         | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                                                                   |
| Irms 40°C rise                | 13.0 (typ.) A                        | <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter. |

## REMARK :

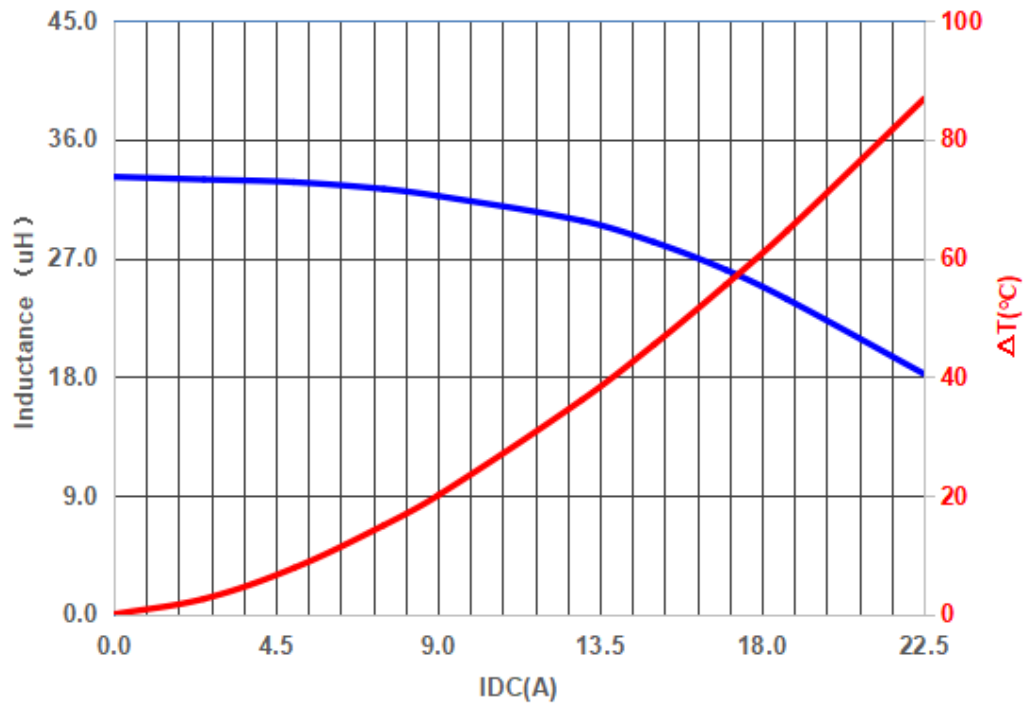
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage(across inductor) 40V ref.
4. Rated DC Current : The less value whith is Irms or Isat

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

# TEST REPORT

SPEC NO : SP-0220518049

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 :



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