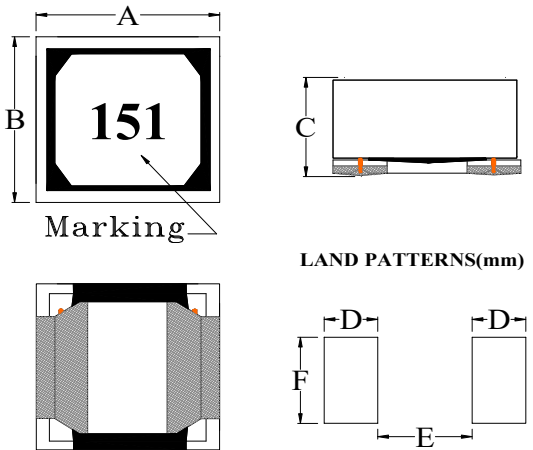


# SPECIFICATION FOR APPROVAL

|           |                                                                                      |          |                |
|-----------|--------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                       | SPEC NO. | SP-N251224020  |
| ITEM      | JNRH 1207-151M-A <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.  |
|------------------------------------------------------------------------------------------------------------|---|-------|-------|
|  <p>LAND PATTERNS(mm)</p> | A | 12.50 | MAX.  |
|                                                                                                            | B | 12.50 | MAX.  |
|                                                                                                            | C | 7.80  | ±0.25 |
|                                                                                                            | D | 4.20  | REF.  |
|                                                                                                            | E | 4.00  | REF.  |
|                                                                                                            | F | 9.00  | REF.  |
|                                                                                                            |   |       |       |
|                                                                                                            |   |       |       |
|                                                                                                            |   |       |       |
|                                                                                                            |   |       |       |

| (2) ELECTRICAL CHARACTERISTIC |                | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 150 ± 20% μH   | <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.<br><input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter<br><input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter<br><input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600 |
| TEST FREQUENCY                | 1 KHz          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TEST VOLT                     | 0.25 V         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RDC                           | 200.0 (max) mΩ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isat                          | 2.40 (max) A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Irms                          | 2.70 (max) A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                               |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## REMARK :

1. Inductance drop = 25% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

## PURCHASER CONFIRMED :

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

# SPECIFICATION FOR APPROVAL

|           |                                     |          |                |
|-----------|-------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                      | SPEC NO. | SP-N251224020  |
| ITEM      | JNRH 1207-151M-A <span>Green</span> | 版本：A     | 表單編號：QR-012-02 |

## (3) Material List

| NO | ITEM   | MATERIAL                                              | NOTE        |
|----|--------|-------------------------------------------------------|-------------|
| 1  | CORE   | DR12*9.0*7.7 & RI 12*5.5*9.8<br>Or other's equivalent |             |
| 2  | WIRE   | SFBW Or other's equivalent                            | 155°C CLASS |
| 3  | SOLDER | 100H Or other's equivalent                            |             |
| 4  | EPOXY  | 6020H-6-9 (NH)<br>Or other's equivalent               | Black       |
| 5  | INK    | SMD-48C<br>F4-725 (Black) Or other's equivalent       | Black       |

REMARK：

PURCHASER CONFIRMED：

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



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