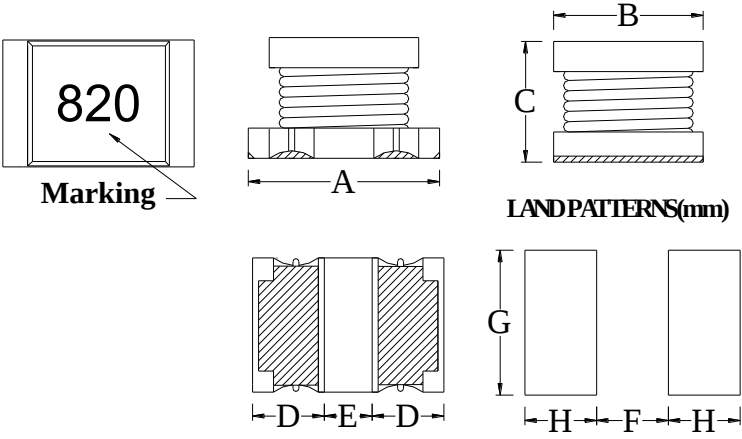


# SPECIFICATION FOR APPROVAL

|           |                                                                                     |          |                |
|-----------|-------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                      | SPEC NO. | SP-0100205030  |
| ITEM      | JQH 322520-820K <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 | 3.2  | ±0.3 |
|                                                                                   | B | 2.5  | ±0.2 |
|                                                                                   | C | 2.0  | ±0.3 |
|                                                                                   | D | 0.7  | Min. |
|                                                                                   | E | 0.7  | Min. |
|                                                                                   | F | 1.0  | REF. |
|                                                                                   | G | 2.0  | REF. |
|                                                                                   | H | 1.5  | REF. |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |

| (2) ELECTRICAL CHARACTERISTIC |                    | TEST INSTRUMENTS.                                                                                                                                                                                       |
|-------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 82 ± 10% $\mu$ H   | <input checked="" 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. |
| TEST FREQUENCY                | 1 MHz              | <input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.<br><input type="checkbox"/> ZENTECH 101 L.C.R. Meter.                                                                   |
| Q                             | 40 (min)           | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.                                                                |
| TEST FREQUENCY                | 1 MHz              | <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.                                                                                                                                    |
| SRF                           | 8.5 (min) MHz      | <input checked="" type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.                                                                                                                                     |
| RDC                           | 6.2 (max) $\Omega$ |                                                                                                                                                                                                         |
| IDC                           | 70 (max) mA        |                                                                                                                                                                                                         |

## REMARK :

- . Operating temp. : -30℃ to 105℃ . (Including coils self-temperature rise)
- . Storage Temperature Component: -30℃ to 105℃ .
- . Rated Current: It is either the inductance is 10% lower than its initial value in DC.
- . Saturation characteristics or temperature raise becomes  $\Delta T=20^{\circ}\text{C}$  ( $T_a=25^{\circ}\text{C}$ ), whichever is lower.

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