

# SPECIFICATION FOR APPROVAL

|           |                                                                                    |          |                |
|-----------|------------------------------------------------------------------------------------|----------|----------------|
| COMMODITY | SMD POWER COIL                                                                     | SPEC NO. | SP-0230418011  |
| ITEM      | JPRD 0503-5R3M <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 | 5.7  | ±0.3 |
|                           | B | 5.7  | ±0.3 |
|                           | C | 3.0  | Max. |
|                           | D | 8.2  | Max. |
|                           |   |      |      |
|                           |   |      |      |
|                           |   |      |      |
|                           |   |      |      |

| (2) ELECTRICAL CHARACTERISTIC |             |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                      |
|-------------------------------|-------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 5.3 ± 20%   | μ H | <input checked="" 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                | 10          | KHz | <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.                                                                                               |
| TEST VOLT                     | 0.25        | V   | <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter                                                                                                            |
| RDC                           | 0.038 (max) | Ω   | <input type="checkbox"/> ZENTECH 502AC Resistance Merter<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter                                                                                                                                    |
| IDC                           | 1.90 (max)  | A   | <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600                                                                                                                                                                                                 |
|                               |             |     |                                                                                                                                                                                                                                                        |
|                               |             |     |                                                                                                                                                                                                                                                        |

## REMARK :

- Inductance drop = 35% typ at IDC
- ΔT = 40°C rise typ at IDC

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