

SPECIFICATION FOR APPROVAL

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|-----------|---|----------|----------------|
| COMMODITY | SMD POWER COIL | SPEC NO. | SP-0181228019 |
| ITEM | JRPI 0503M-100M Green | 版本：A | 表單編號：QR-012-02 |

| (1) DIMENSION: (UNIT: mm) | | DIM. | TOL. |
|---------------------------|---|------|-------|
| | A | 5.7 | ± 0.3 |
| | B | 5.2 | ± 0.2 |
| | C | 2.8 | ± 0.2 |
| | D | 1.1 | ± 0.3 |
| | E | 1.5 | ± 0.2 |
| | | | |

| (2) ELECTRICAL CHARACTERISTIC | TEST INSTRUMENTS. |
|-------------------------------|------------------------------------|
| INDUCTANCE | 10 ± 20% μ H |
| TEST FREQUENCY | 100 KHz |
| TEST VOLT | 1 V |
| RDC | 110 (typ.) 128 (max) m Ω |
| Isat | 3.50 (typ.) A |
| Irms | 2.75 (typ.) A |
| | |

AGILENT 4294A Precision Impedance Analyzer.
 AGILENT 4285A Precision L.C.R. Meter.
 HP-4286A RF L.C.R. Meter.
 ZENTECH 3302 Automatic Components Analyzer.
 ZENTECH 101 L.C.R. Meter.
 WAYNE KERR 6420 Precision Impedance Analyzer.
 ZENTECH 1320 BIAS CURRENT.
 ZENTECH 502AC Resistance Merter.
 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. Heat Rated Current (Irms) will cause the coil temperature rise approximately $\Delta t 40^{\circ}\text{C}$.

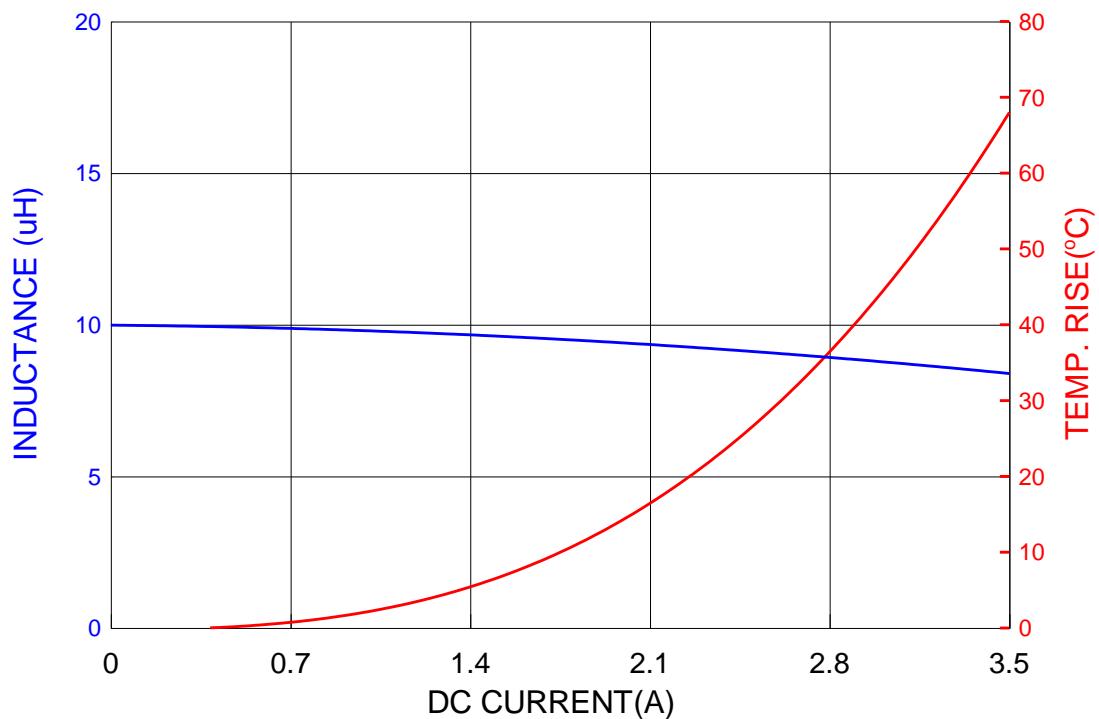
| | | | |
|---------------------|----------|---------|-------|
| PURCHASER CONFIRMED | APPROVED | CHECKED | DRAWN |
| | | | |

TEST REPORT

SPEC NO : SP-0181228019

Typical Performance Curves

JRPI 0503M-100



Test Instrument :

ZENTECH 3302 Automatic Components Analyzer
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28°C
Humidity : 60 to 70 % RH

Check by :



Test by :



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