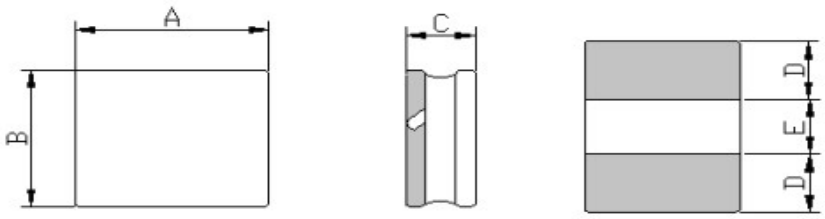
SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0221117017
ITEM	JNR 201610P-2R2M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)



	DIM.	TOL.
A	2.00	-0.1/+0.3
B	1.60	-0.1/+0.3
C	1.00	Max
D	0.50	Ref
E	1.00	Ref

(2) ELECTRICAL CHARACTERISTIC

INDUCTANCE	2.2 ± 20%		μH
TEST FREQUENCY	1		MHz
TEST VOLT	1		V
RDC	0.11 0.13	(typ.) (max)	Ω
Isat	2.10 1.90	(typ.) (max)	A
Irms	2.10 (1) 2.20 (2)	(typ.)	A
Irms	1.90 (1) 2.00 (2)	(max)	A

TEST INSTRUMENTS.

- ☐ AGILENT 4294A Precision Impedance Analyzer
- ☐ Agilent 4287A RF LCR Meter
- ☐ AGILENT 4285A Precision L.C.R.
- ☐ HP-4286A RF L.C.R. Meter.
- ☑ CHROMA 3302 Automatic Components Analyzer.
- ☐ WAYNE KERR 6420 Precision Impedance Analyzer.
- ☑ ZENTECH 1320 BIAS CURRENT.
- ☑ BK PRECISION 2840 DC Resistance Meter
- ☐ ZENTECH 502AC Resistance Merter
- ☐ ADEX AX-1155B DC Low Ohm Meter
- ☐ WAYNE KERR HI-POT TESTER 7600

REMARK：

1. Isat：Saturation Current (Isat) will cause L0 to drop approximately 30%.
2. Irms：Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
3. Rated DC current: The lower value of Irms and Isat.

PURCHASER CONFIRMED：

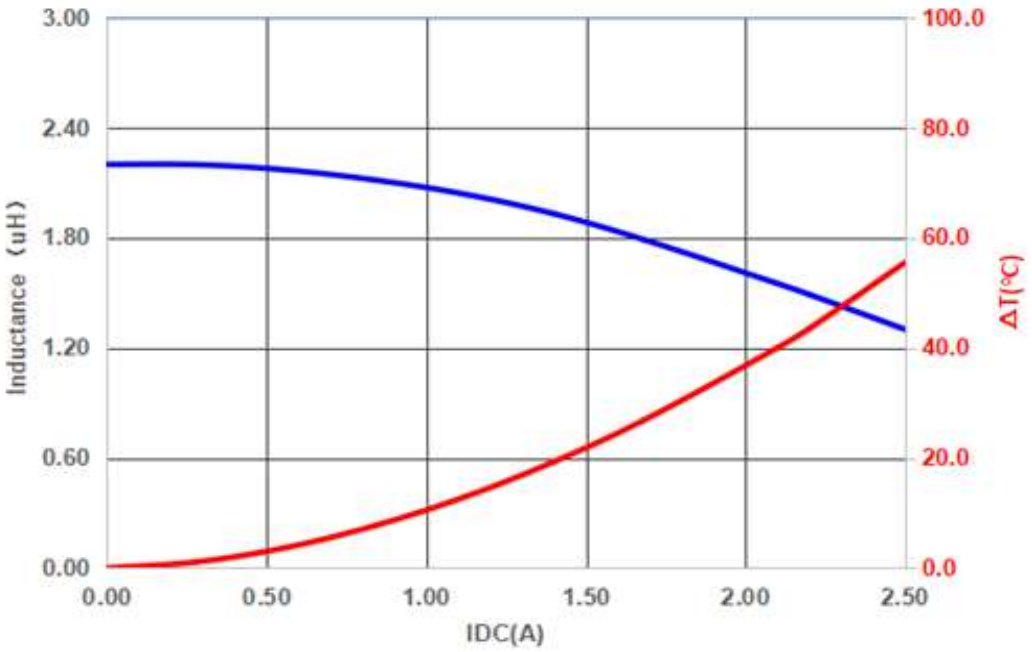
APPROVED	CHECKED	DRAWN
楊 偉鏗	姜 秀琴	陳 秀月

JANTEK
TEL：886-2-2689-4971 FAX：886-2-2689-4260
E-mail：jantek@jantek-elec.com.tw
Web-Site：www.jantek-elec.com.tw

TEST REPORT

SPEC NO： SP-0221117017

Typical Performance Curves



Test Instrument：

ZENTECH 3302 Automatic Components Analyzer

ZENTECH 1320 BIAS CURRENT

Testing Condition：

Temperature： 25 to 28℃

Humidity： 60 to 70 % RH

Check by：	Test by：
姜 秀琴	陳 秀月

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