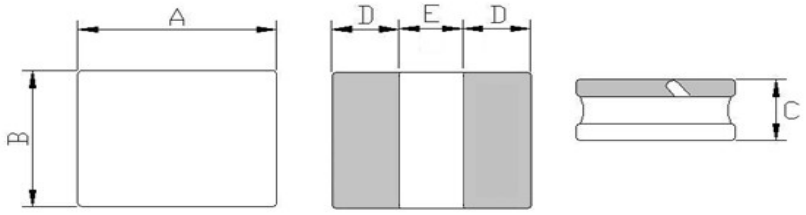
SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230320005
ITEM	JNR 252010P-R82M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)



	DIM.	TOL.
A	2.50	-0.1 / +0.2
B	2.00	-0.1 / +0.2
C	1.00	Max
D	0.75	Ref.
E	1.00	Ref.

(2) ELECTRICAL CHARACTERISTIC

INDUCTANCE	0.82 ± 20%		μH
TEST FREQUENCY	1		MHz
TEST VOLT	1		V
RDC	0.043 0.052	(typ.) (max)	Ω
Isat	3.80 3.20	(typ.) (max)	A
Irms	3.60 (1) 3.80 (2)	(typ.)	A
Irms	3.10 (1) 3.00 (2)	(max)	A

TEST INSTRUMENTS.

- ☑ AGILENT 4294A Precision Impedance Analyzer.
- ☐ AGILENT 4285A Precision L.C.R.
- ☐ 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. 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：

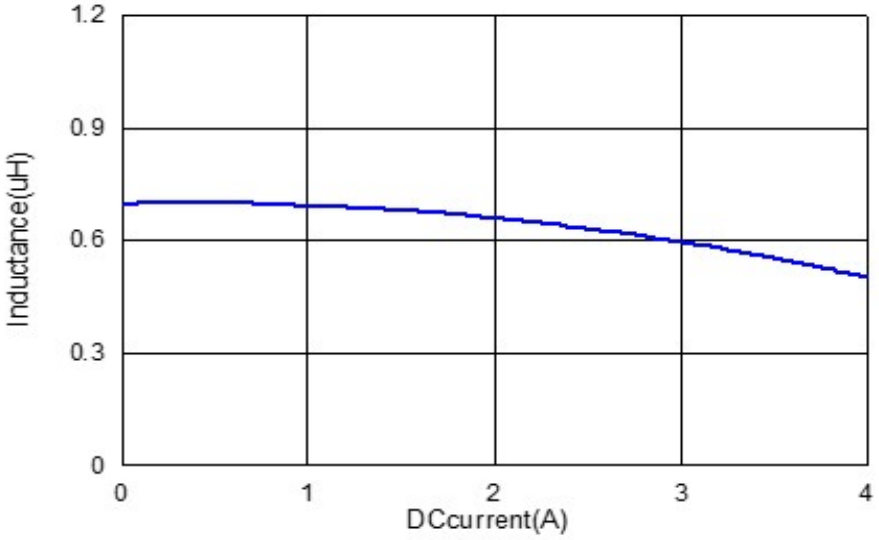
APPROVED	CHECKED	DRAWN
楊 偉鏗	姜 秀琴	陳 秀月

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-0230320005

Typical Performance Curves



Test Instrument：

Chroma 3302 Automatic Components Analyzer.

ZENTECH 1320 BIAS CURRENT.

Testing Condition：

Temperature： 25 to 28℃

Humidity： 60 to 70 % RH

Check by：	Test by：

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