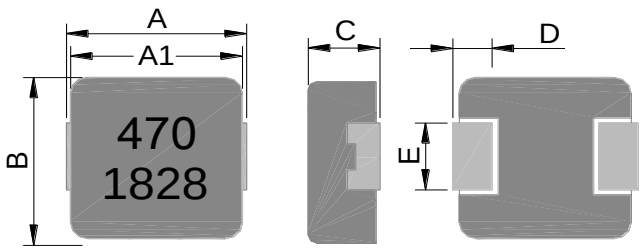
SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0181120024
ITEM	JRPI 0605V-470M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)



	DIM.	TOL.
A	7.3	± 0.3
A1	6.7	± 0.3
B	6.6	± 0.3
C	4.8	± 0.2
D	1.8	± 0.3
E	3.0	± 0.3

(2) ELECTRICAL CHARACTERISTIC

INDUCTANCE	47 ± 20%		μH
TEST FREQUENCY	100		KHz
TEST VOLT	1		V
RDC	290.0 330.0	(typ.) (max)	mΩ
Isat	2.7	(typ.)	A
Irms	1.9	(typ.)	A

TEST INSTRUMENTS.

- ☐ 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℃ ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
4. Compatible with AEC-Q200

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN
	楊偉鏗	高俊豪	陳秀月

JANTEK
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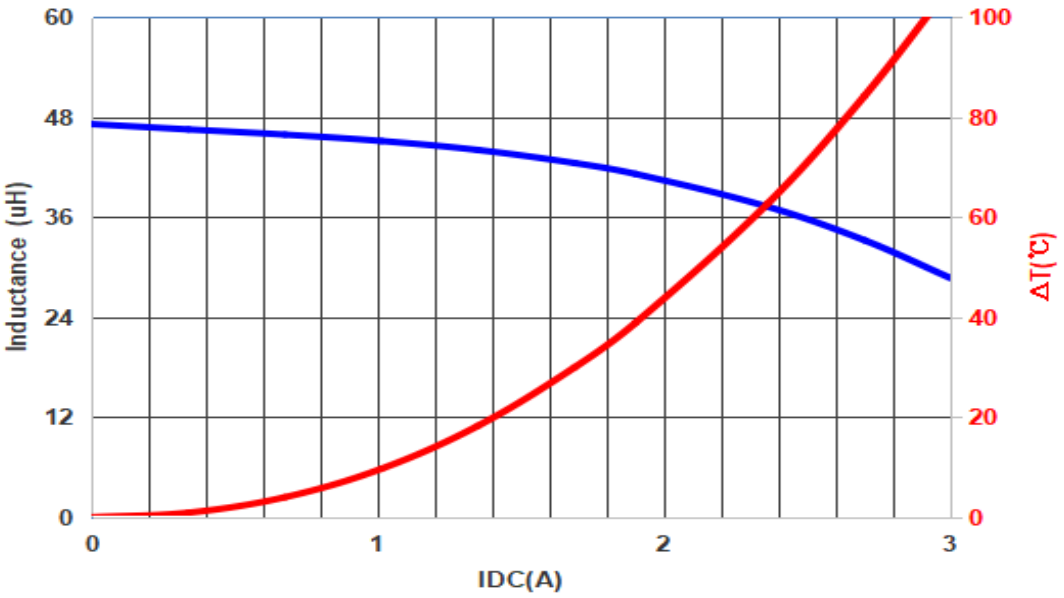
TEST REPORT

SPEC NO： SP-0181120024

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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