

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220630012
ITEM	JRPI 0402FV-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	4.40	±0.20	
	B	4.40	±0.20	
	C	1.90	±0.20	
	D	3.40	±0.30	
	E	0.88	±0.20	
	F	1.60	±0.25	

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.
INDUCTANCE	0.47 ± 20% μH
TEST FREQUENCY	100 KHz
TEST VOLT	0.1 V
RDC	7.80 (typ.) 8.58 (max) mΩ
Isat	14.5 (typ.) 13.0 (max) A
Irms 20°C rise	9.0 (typ.) A
Irms 40°C rise	12.5 (typ.) A

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. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage (across inductor) 15V ref (1.5uH and above)
 Rated operating voltage (across inductor) 40V ref (1.2uH and below)

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260

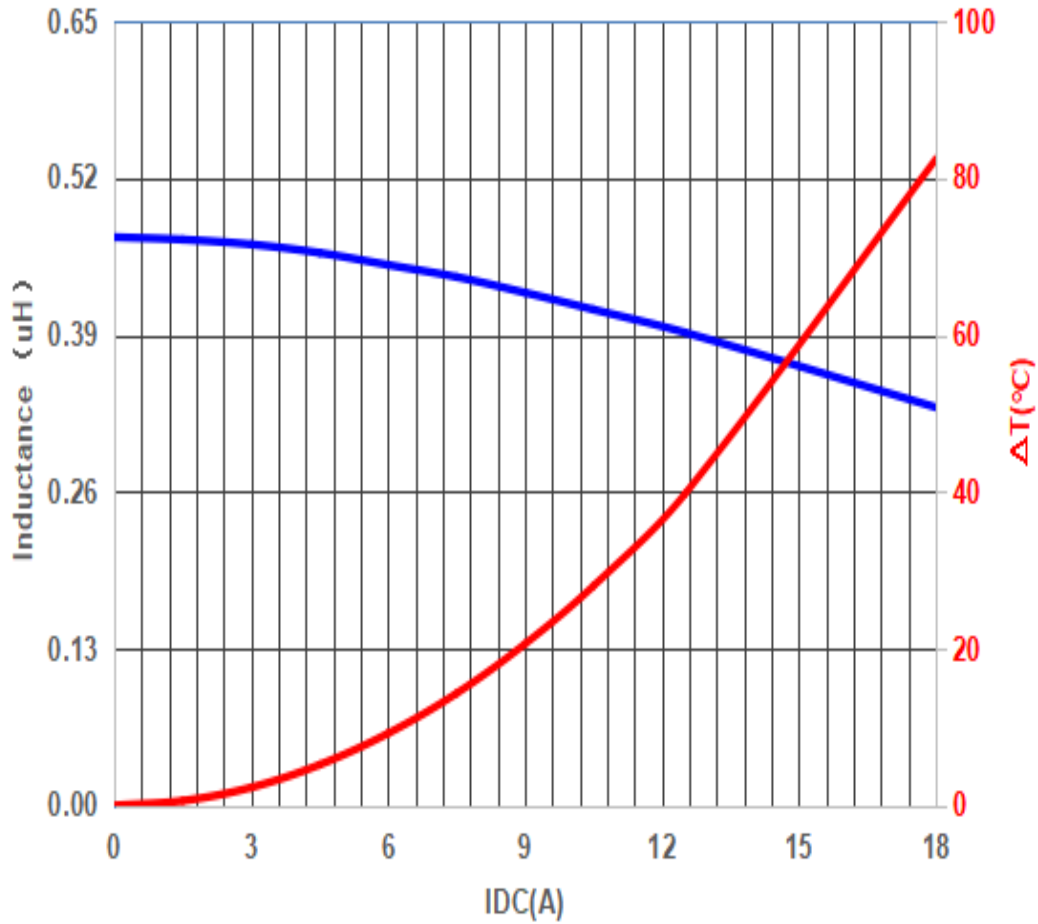
E-mail : jantek@jantek-elec.com.tw

Web-Site : www.jantek-elec.com.tw

TEST REPORT

SPEC NO : SP-0220630012

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer
ZENTECH 1320 BIAS CURRENT

Testing Condition :

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

Check by :

姜秀琴

Test by :

陳秀月



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