

# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220704041
ITEM	JRPI 1010FV-4R7M <span style="border: 1px solid black; padding: 2px;">Green</span>	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	11.90	±0.30
	B	11.00	±0.30
	C	9.70	±0.30
	D	9.30	±0.30
	E	2.40	±0.20
	F	4.40	±0.30

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.
INDUCTANCE	4.7 ± 20%      μH
TEST FREQUENCY	100      KHz
TEST VOLT	0.1      V
RDC	5.2 (typ.) 5.7 (max)      mΩ
Isat	25.4 (typ.) 21.4 (max)      A
Irms 20°C rise	17.5 (typ.)      A
Irms 40°C rise	24.0 (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) 40V Ref.
4. Rated DC current: The lower value of Irms and Isat.

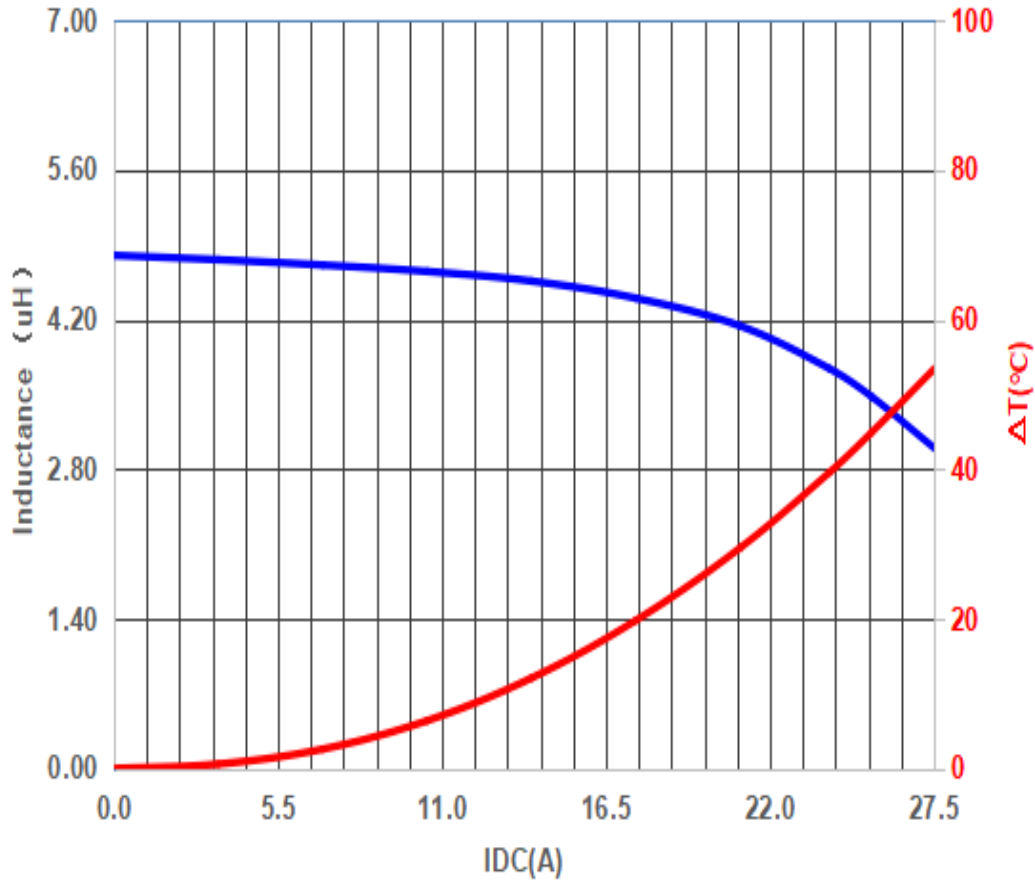
<b>PURCHASER CONFIRMED :</b>	APPROVED	CHECKED	DRAWN



# TEST REPORT

SPEC NO : SP-0220704041

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



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