

# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220704044
ITEM	JRPI 1010FV-8R2M <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	9.00	±0.30
	E	2.40	±0.20
	F	4.40	±0.30

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">INDUCTANCE</td> <td style="width: 20%; text-align: center;">8.2 ± 20%</td> <td style="width: 5%;"></td> <td style="width: 5%;">μ H</td> </tr> <tr> <td>TEST FREQUENCY</td> <td style="text-align: center;">100</td> <td></td> <td style="text-align: center;">KHz</td> </tr> <tr> <td>TEST VOLT</td> <td style="text-align: center;">0.1</td> <td></td> <td style="text-align: center;">V</td> </tr> <tr> <td>RDC</td> <td style="text-align: center;">10.8 (typ.) 12.4 (max)</td> <td></td> <td style="text-align: center;">mΩ</td> </tr> <tr> <td>Isat</td> <td style="text-align: center;">18.3 (typ.) 16.3 (max)</td> <td></td> <td style="text-align: center;">A</td> </tr> <tr> <td>Irms 20°C rise</td> <td style="text-align: center;">12.9 (typ.)</td> <td></td> <td style="text-align: center;">A</td> </tr> <tr> <td>Irms 40°C rise</td> <td style="text-align: center;">17.1 (typ.)</td> <td></td> <td style="text-align: center;">A</td> </tr> </table>	INDUCTANCE	8.2 ± 20%		μ H	TEST FREQUENCY	100		KHz	TEST VOLT	0.1		V	RDC	10.8 (typ.) 12.4 (max)		mΩ	Isat	18.3 (typ.) 16.3 (max)		A	Irms 20°C rise	12.9 (typ.)		A	Irms 40°C rise	17.1 (typ.)		A	<input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer <input type="checkbox"/> Agilent 4287A RF LCR Meter <input type="checkbox"/> AGILENT 4285A Precision L.C.R. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. <input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter <input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter <input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
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**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.

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN



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

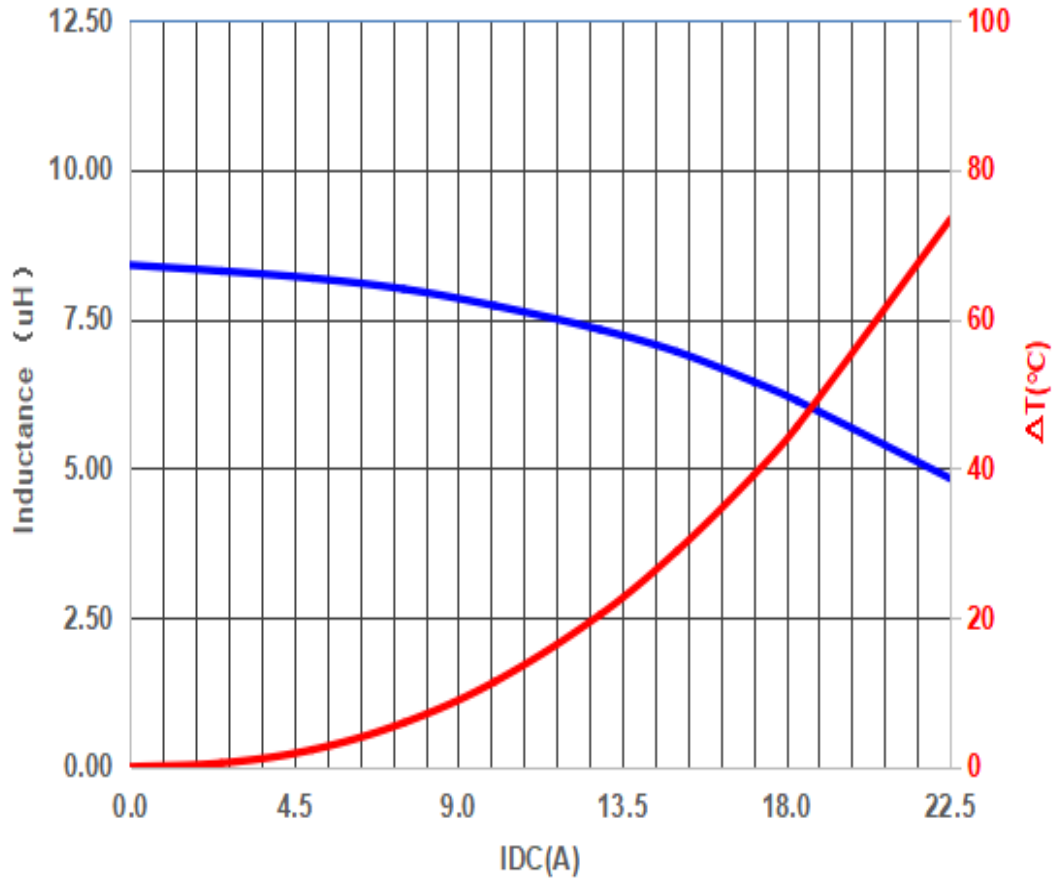
E-mail : jantek@jantek-elec.com.tw

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

# TEST REPORT

SPEC NO : SP-0220704044

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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