

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220701027
ITEM	JRPI 0603FV-4R5M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	7.20	±0.20	
	B	6.90	±0.20	
	C	2.90	±0.20	
	D	5.00	±0.30	
	E	1.40	±0.20	
	F	2.60	±0.25	

(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;">4.5 ± 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;">23.0 (typ.) 25.3 (max)</td> <td></td> <td style="text-align: center;">mΩ</td> </tr> <tr> <td>Isat</td> <td style="text-align: center;">10.0 (typ.) 8.0 (max)</td> <td></td> <td style="text-align: center;">A</td> </tr> <tr> <td>Irms 20°C rise</td> <td style="text-align: center;">5.0 (typ.)</td> <td></td> <td style="text-align: center;">A</td> </tr> <tr> <td>Irms 40°C rise</td> <td style="text-align: center;">7.0 (typ.)</td> <td></td> <td style="text-align: center;">A</td> </tr> </table>	INDUCTANCE	4.5 ± 20%		μ H	TEST FREQUENCY	100		KHz	TEST VOLT	0.1		V	RDC	23.0 (typ.) 25.3 (max)		mΩ	Isat	10.0 (typ.) 8.0 (max)		A	Irms 20°C rise	5.0 (typ.)		A	Irms 40°C rise	7.0 (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

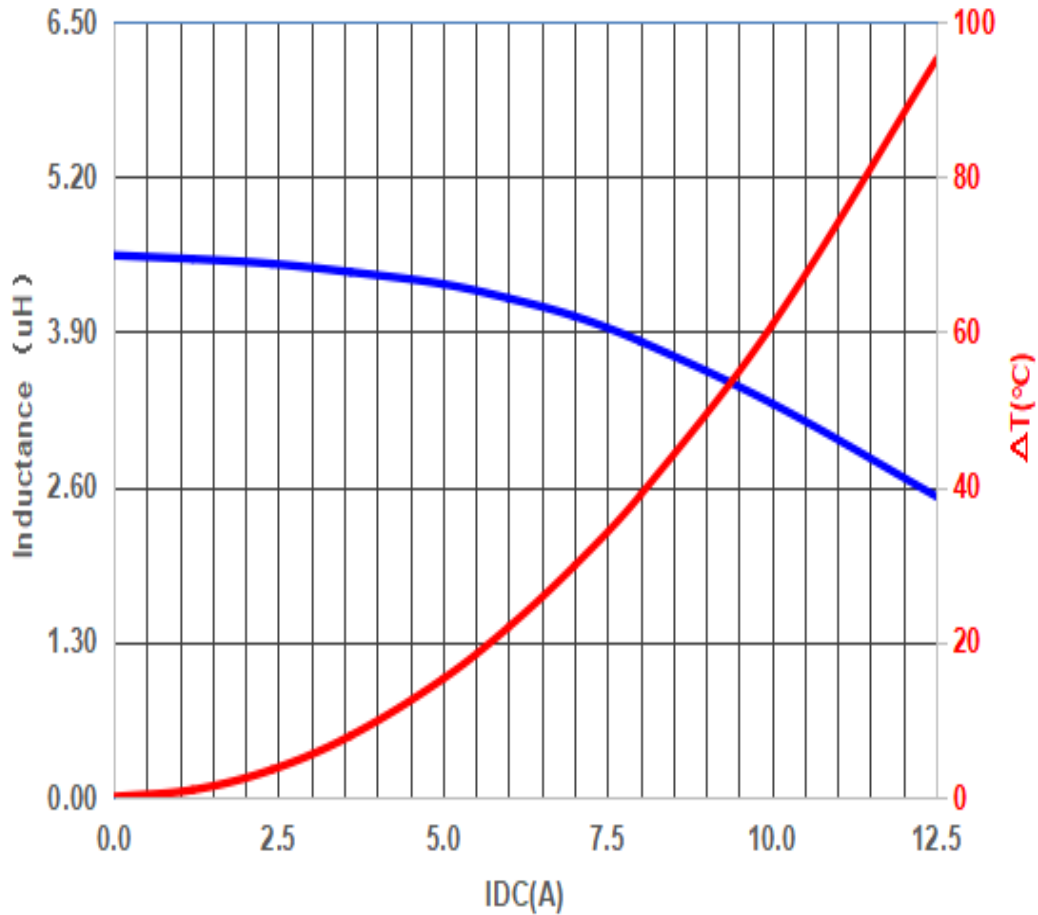
E-mail : jantek@jantek-elec.com.tw

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

TEST REPORT

SPEC NO : SP-0220701027

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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