

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220705005
ITEM	JRPI 1508FV-4R7M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	17.50	±0.30	
	B	16.50	±0.30	
	C	7.70	±0.30	
	D	13.20	±0.50	
	E	3.20	±0.20	
	F	7.00	±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%;">4.7 ± 20%</td> <td style="width: 5%;">μ H</td> </tr> <tr> <td>TEST FREQUENCY</td> <td>100</td> <td>KHz</td> </tr> <tr> <td>TEST VOLT</td> <td>0.1</td> <td>V</td> </tr> <tr> <td>RDC</td> <td>4.30 (typ.) 5.16 (max)</td> <td>mΩ</td> </tr> <tr> <td>Isat</td> <td>37.0 (typ.) 32.0 (max)</td> <td>A</td> </tr> <tr> <td>Irms 20°C rise</td> <td>20.0 (typ.)</td> <td>A</td> </tr> <tr> <td>Irms 40°C rise</td> <td>26.5 (typ.)</td> <td>A</td> </tr> </table>	INDUCTANCE	4.7 ± 20%	μ H	TEST FREQUENCY	100	KHz	TEST VOLT	0.1	V	RDC	4.30 (typ.) 5.16 (max)	mΩ	Isat	37.0 (typ.) 32.0 (max)	A	Irms 20°C rise	20.0 (typ.)	A	Irms 40°C rise	26.5 (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
INDUCTANCE	4.7 ± 20%	μ H																				
TEST FREQUENCY	100	KHz																				
TEST VOLT	0.1	V																				
RDC	4.30 (typ.) 5.16 (max)	mΩ																				
Isat	37.0 (typ.) 32.0 (max)	A																				
Irms 20°C rise	20.0 (typ.)	A																				
Irms 40°C rise	26.5 (typ.)	A																				

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

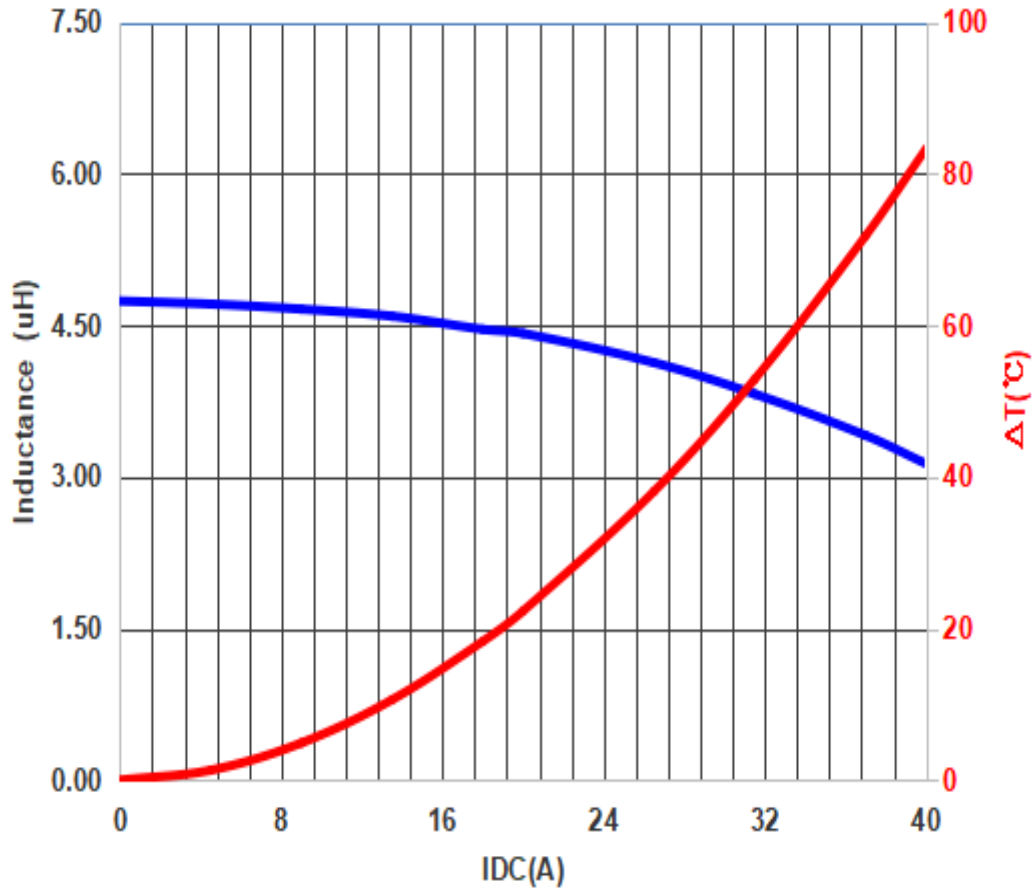
E-mail : jantek@jantek-elec.com.tw

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

TEST REPORT

SPEC NO : SP-0220705005

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