

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220701002
ITEM	JRPI 0502FV-1R2M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	6.20	±0.20	
	B	5.70	±0.20	
	C	1.90	±0.20	
	D	4.30	±0.30	
	E	1.10	±0.20	
	F	2.30	±0.25	

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">INDUCTANCE</td> <td style="width: 25%;">1.2 ± 20%</td> <td style="width: 5%;"></td> <td style="width: 45%; text-align: right;">μ H</td> </tr> <tr> <td>TEST FREQUENCY</td> <td>100</td> <td></td> <td style="text-align: right;">KHz</td> </tr> <tr> <td>TEST VOLT</td> <td>0.1</td> <td></td> <td style="text-align: right;">V</td> </tr> <tr> <td>RDC</td> <td>14.2 (typ.) 16.3 (max)</td> <td></td> <td style="text-align: right;">mΩ</td> </tr> <tr> <td>Isat</td> <td>14.0 (typ.) 12.2 (max)</td> <td></td> <td style="text-align: right;">A</td> </tr> <tr> <td>Irms 20°C rise</td> <td>6.8 (typ.)</td> <td></td> <td style="text-align: right;">A</td> </tr> <tr> <td>Irms 40°C rise</td> <td>9.4 (typ.)</td> <td></td> <td style="text-align: right;">A</td> </tr> </table>	INDUCTANCE	1.2 ± 20%		μ H	TEST FREQUENCY	100		KHz	TEST VOLT	0.1		V	RDC	14.2 (typ.) 16.3 (max)		mΩ	Isat	14.0 (typ.) 12.2 (max)		A	Irms 20°C rise	6.8 (typ.)		A	Irms 40°C rise	9.4 (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.

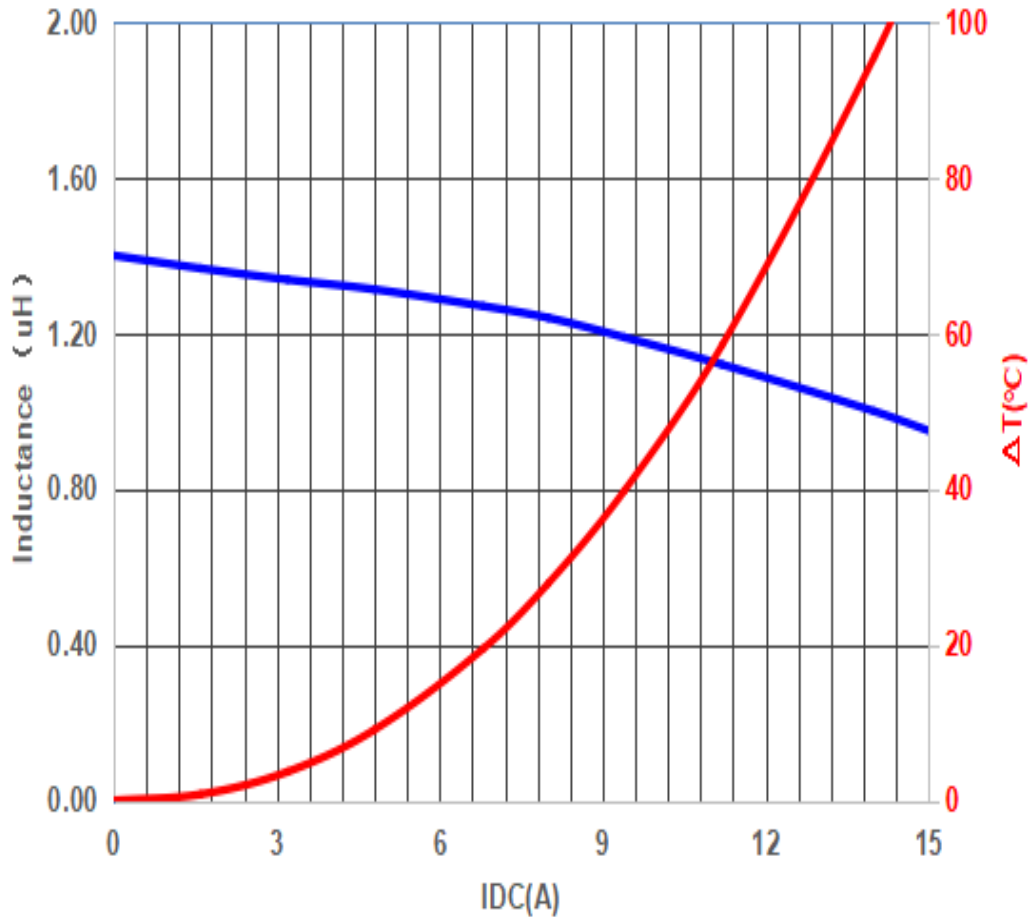
PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN



TEST REPORT

SPEC NO : SP-0220701002

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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