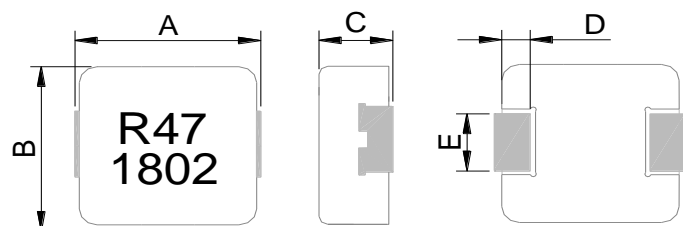


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230331026
ITEM	JRPI 0502P-R47M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	5.70	± 0.30	
	B	5.20	± 0.20	
	C	1.80	± 0.20	
	D	1.00	± 0.30	
	E	2.50	± 0.30	

(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%;">0.47 ± 20%</td> <td style="width: 5%;"></td> <td style="width: 45%;">μ H</td> </tr> <tr> <td>TEST FREQUENCY</td> <td>100</td> <td></td> <td>KHz</td> </tr> <tr> <td>TEST VOLT</td> <td>1</td> <td></td> <td>V</td> </tr> <tr> <td>RDC</td> <td>6.1 (typ.) 7.2 (max)</td> <td></td> <td>mΩ</td> </tr> <tr> <td>Isat</td> <td>9.0 (typ.) 8.0 (max)</td> <td></td> <td>A</td> </tr> <tr> <td>Irms</td> <td>13.0 (typ.) 11.0 (max)</td> <td></td> <td>A</td> </tr> </table>	INDUCTANCE	0.47 ± 20%		μ H	TEST FREQUENCY	100		KHz	TEST VOLT	1		V	RDC	6.1 (typ.) 7.2 (max)		mΩ	Isat	9.0 (typ.) 8.0 (max)		A	Irms	13.0 (typ.) 11.0 (max)		A	<input 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	0.47 ± 20%		μ H																						
TEST FREQUENCY	100		KHz																						
TEST VOLT	1		V																						
RDC	6.1 (typ.) 7.2 (max)		mΩ																						
Isat	9.0 (typ.) 8.0 (max)		A																						
Irms	13.0 (typ.) 11.0 (max)		A																						

REMARK :

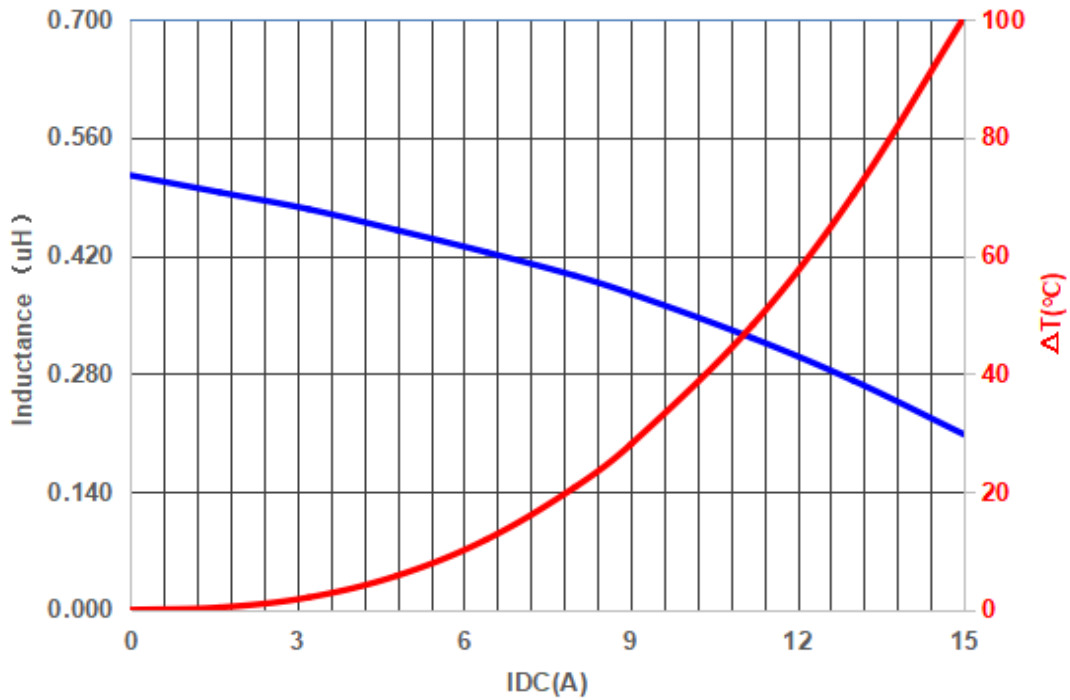
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0230331026

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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