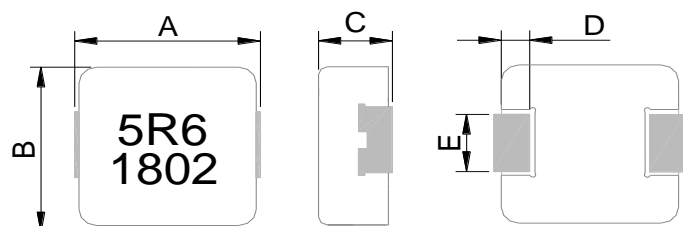


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230331017
ITEM	JRPI 0502P-5R6M 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: 30%;">INDUCTANCE</td> <td style="width: 20%; text-align: center;">5.6 ± 20%</td> <td style="width: 10%; text-align: center;">μ H</td> </tr> <tr> <td>TEST FREQUENCY</td> <td style="text-align: center;">100</td> <td style="text-align: center;">KHz</td> </tr> <tr> <td>TEST VOLT</td> <td style="text-align: center;">1</td> <td style="text-align: center;">V</td> </tr> <tr> <td>RDC</td> <td style="text-align: center;">91 (typ.) 109 (max)</td> <td style="text-align: center;">mΩ</td> </tr> <tr> <td>Isat</td> <td style="text-align: center;">4.4 (typ.) 4.0 (max)</td> <td style="text-align: center;">A</td> </tr> <tr> <td>Irms</td> <td style="text-align: center;">3.5 (typ.) 2.8 (max)</td> <td style="text-align: center;">A</td> </tr> </table>	INDUCTANCE	5.6 ± 20%	μ H	TEST FREQUENCY	100	KHz	TEST VOLT	1	V	RDC	91 (typ.) 109 (max)	mΩ	Isat	4.4 (typ.) 4.0 (max)	A	Irms	3.5 (typ.) 2.8 (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	5.6 ± 20%	μ H																	
TEST FREQUENCY	100	KHz																	
TEST VOLT	1	V																	
RDC	91 (typ.) 109 (max)	mΩ																	
Isat	4.4 (typ.) 4.0 (max)	A																	
Irms	3.5 (typ.) 2.8 (max)	A																	

REMARK :

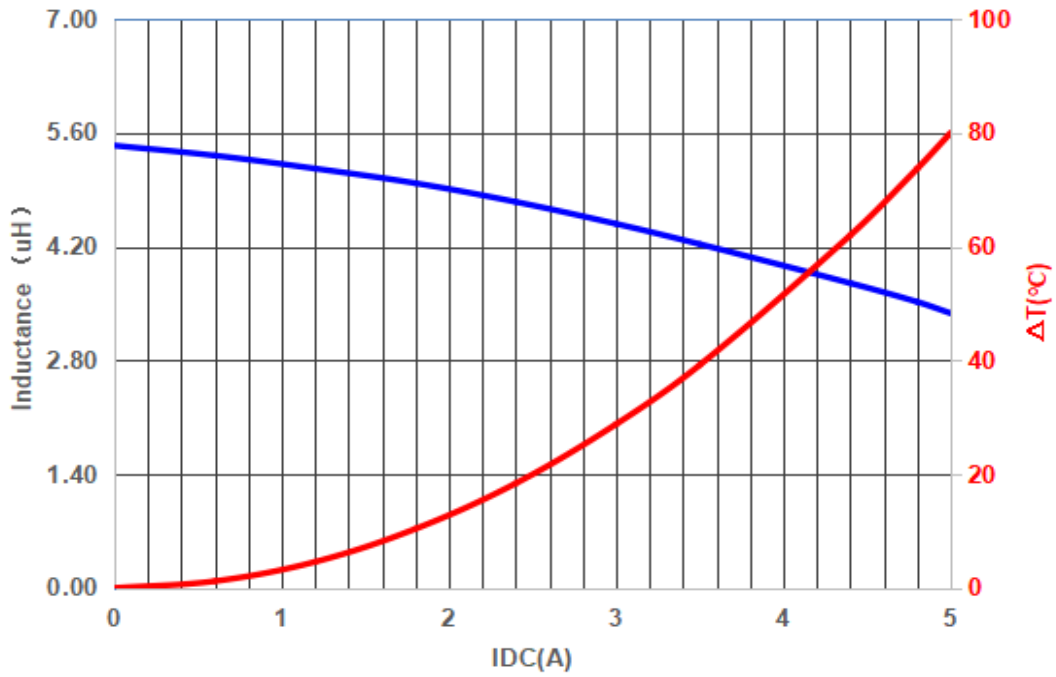
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0230331017

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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