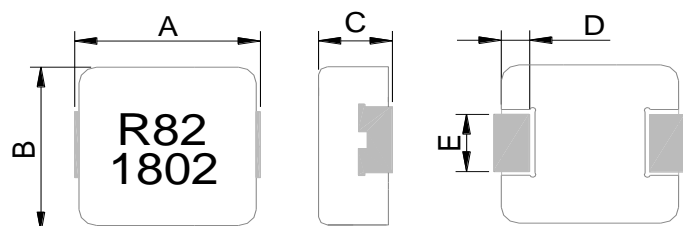


# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230331011
ITEM	JRPI 0503P-R82M <span style="border: 1px solid black; padding: 2px;">Green</span>	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	2.80	± 0.20	
	D	1.00	± 0.30	
	E	2.00	± 0.20	

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	0.82 ± 20%	$\mu$ H	<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
TEST FREQUENCY	100	KHz	
TEST VOLT	1	V	
RDC	8.0 (typ.) 9.2 (max)	m $\Omega$	
Isat	8.8 (typ.) 7.7 (max)	A	
Irms	10.0 (typ.) 9.0 (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  $\Delta T$  of 40°C

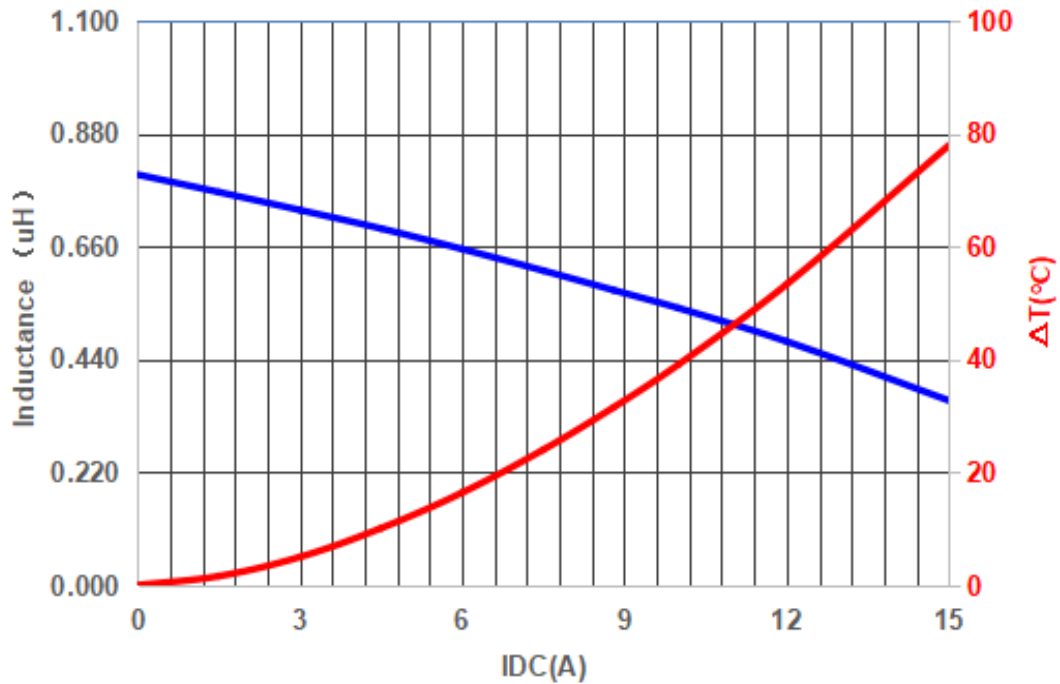
<b>PURCHASER CONFIRMED :</b>	APPROVED	CHECKED	DRAWN
			



# TEST REPORT

SPEC NO : SP-0230331011

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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