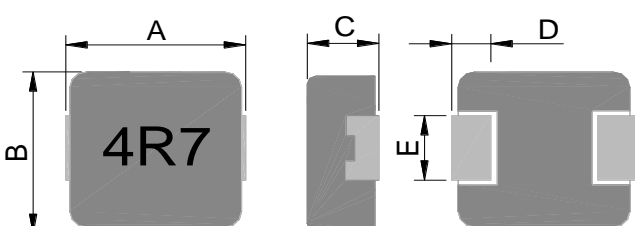


# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0230330007
ITEM	JRPI 0402P-4R7M <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	4.45	± 0.25	
	B	4.10	± 0.20	
	C	1.80	± 0.20	
	D	0.80	± 0.25	
	E	2.00	± 0.20	

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.	
INDUCTANCE	4.7 ± 20%    μH	<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.
TEST FREQUENCY	100    KHz	<input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer.
TEST VOLT	1    V	<input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.
RDC	84.0 (typ.) 95.0 (max)    mΩ	<input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter
Isat	2.8 (typ.) 2.5 (max)    A	<input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter
Irms	3.8 (typ.) 3.2 (max)    A	<input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600

**REMARK :**

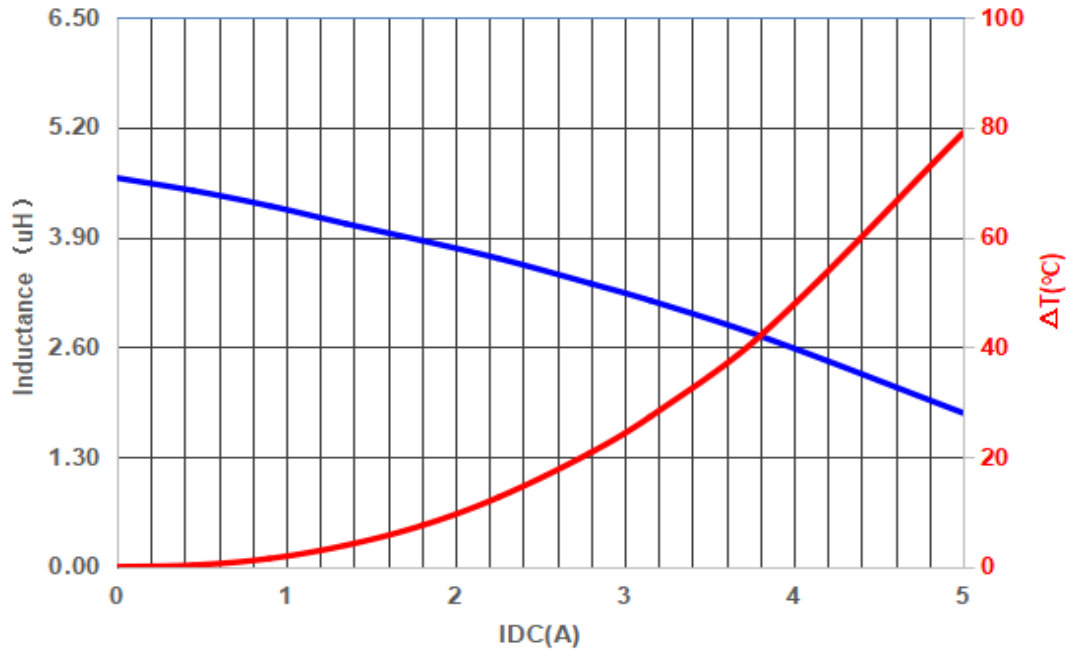
1. All test data referenced to 25°C ambient.
2. Saturation Current (Isat) will cause L0 to drop approximately 30%
3. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

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

# TEST REPORT

SPEC NO : SP-0230330007

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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