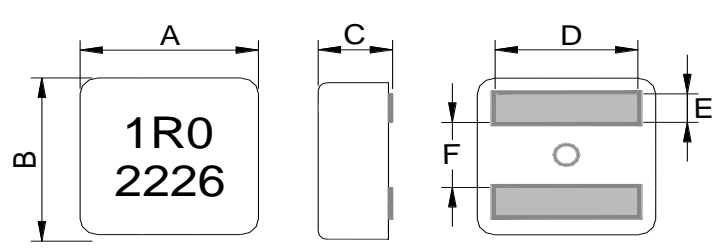


# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220630003
ITEM	JRPI 0402FV-1R0M <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	4.40	±0.20	
	B	4.40	±0.20	
	C	1.90	±0.20	
	D	3.40	±0.30	
	E	0.88	±0.20	
	F	1.60	±0.25	

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.	
INDUCTANCE	1.0 ± 20%    μH	<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.
TEST FREQUENCY	100    KHz	<input checked="" type="checkbox"/> CHROMA 3302 Automatic Components Analyzer. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.
TEST VOLT	0.1    V	<input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter
RDC	13.3 (typ.) 14.6 (max)    mΩ	<input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter
Isat	9.6 (typ.) 8.8 (max)    A	<input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
Irms 20°C rise	6.8 (typ.)    A	
Irms 40°C rise	9.6 (typ.)    A	

**REMARK :**

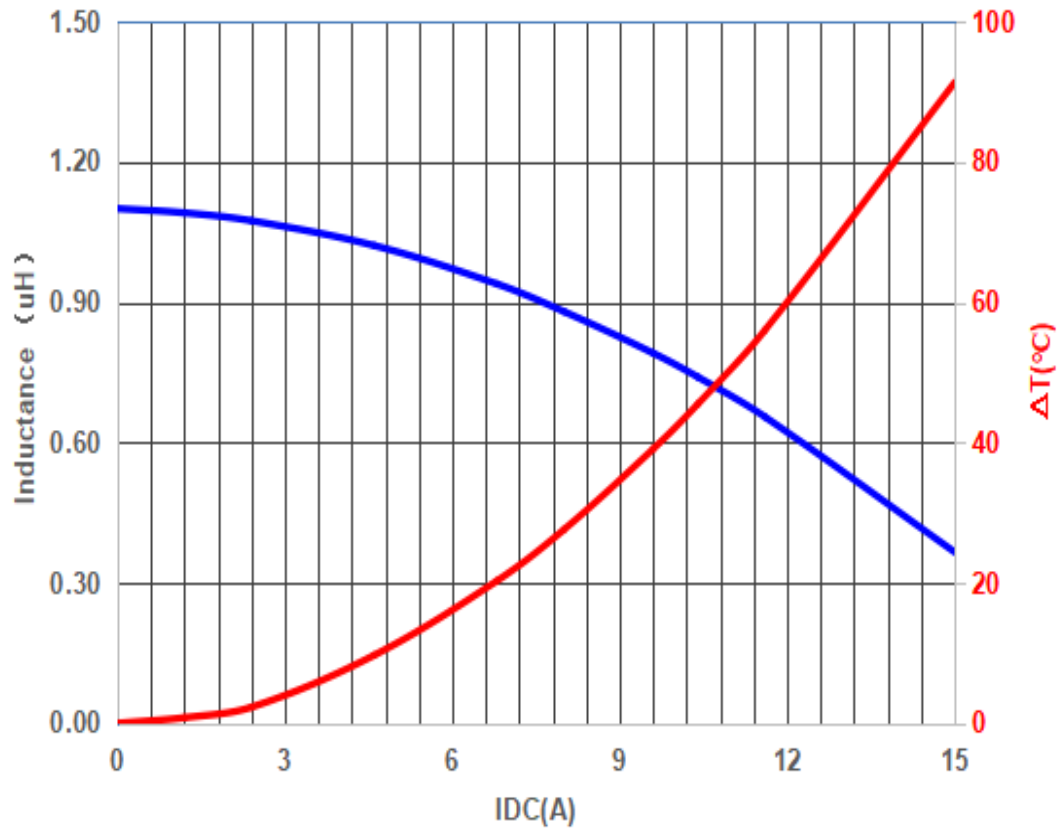
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage (across inductor) 15V ref ( 1.5uH and above )  
 Rated operating voltage (across inductor) 40V ref ( 1.2uH and below )

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

# TEST REPORT

SPEC NO : SP-0220630003

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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