

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220701012
ITEM	JRPI 0503FV-1R0M Green	版本：A	表單編號：QR-012-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.	
	A	6.20	±0.20	
	B	5.70	±0.20	
	C	2.90	±0.20	
	D	4.30	±0.30	
	E	1.10	±0.20	
	F	2.30	±0.25	

(2) ELECTRICAL CHARACTERISTIC			TEST INSTRUMENTS.
INDUCTANCE	1.0 ± 20%	μ H	<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.
TEST VOLT	0.1	V	<input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.
RDC	6.9 (typ.) 7.6 (max)	mΩ	<input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter
Isat	16.5 (typ.) 14.3 (max)	A	<input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter
Irms 20°C rise	9.0 (typ.)	A	<input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
Irms 40°C rise	12.2 (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) 40V Ref.
4. Rated DC current: The lower value of Irms and Isat.

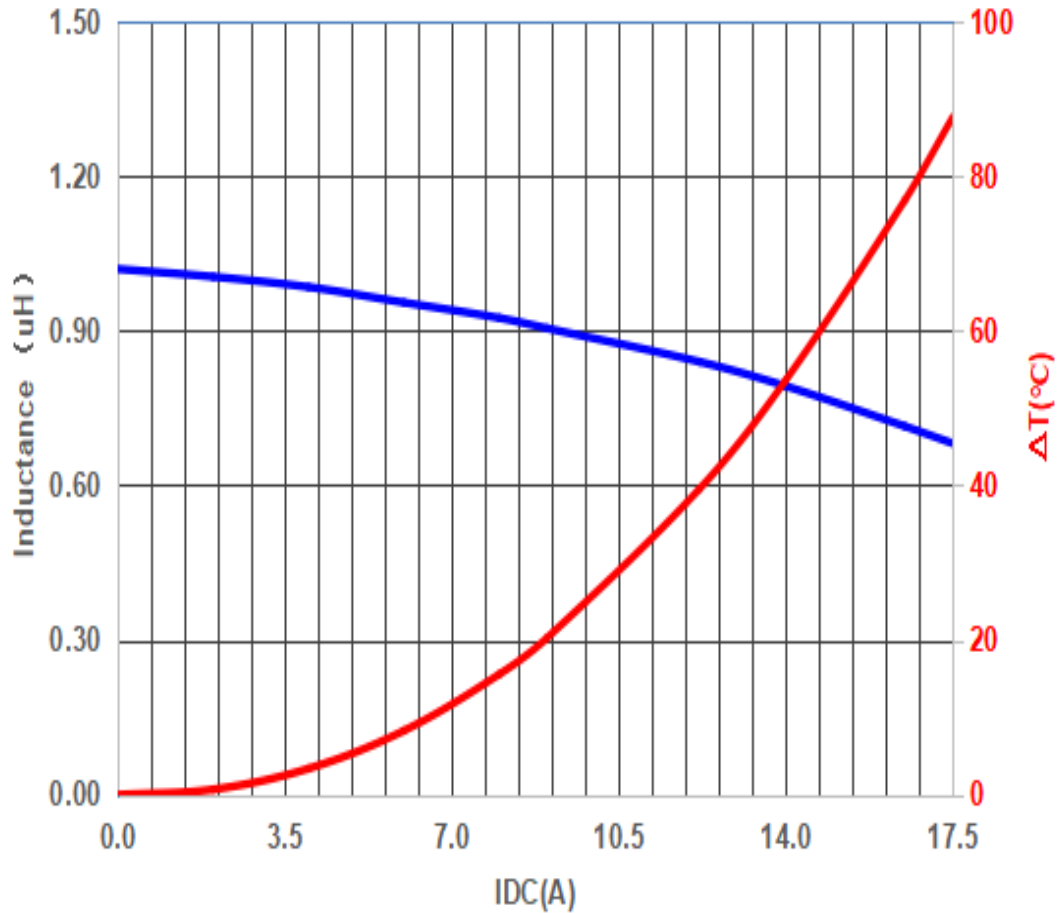
PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN



TEST REPORT

SPEC NO : SP-0220701012

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer
ZENITECH 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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