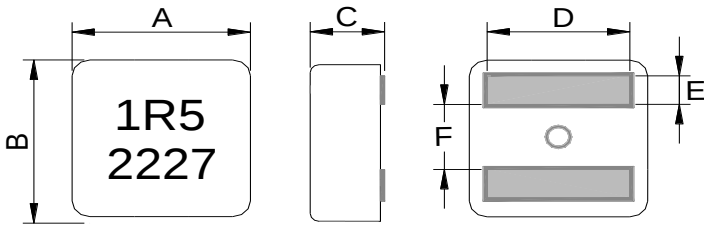


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220701013
ITEM	JRPI 0503FV-1R5M 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	1.5 ± 20%	μ H	☒ AGILENT 4294A Precision Impedance Analyzer
TEST FREQUENCY	100	KHz	☐ Agilent 4287A RF LCR Meter
TEST VOLT	0.1	V	☐ AGILENT 4285A Precision L.C.R.
RDC	10.1 (typ.) 11.2 (max)	mΩ	☐ HP-4286A RF L.C.R. Meter.
Isat	14.0 (typ.) 12.5 (max)	A	☒ CHROMA 3302 Automatic Components Analyzer.
Irms 20°C rise	8.0 (typ.)	A	☐ WAYNE KERR 6420 Precision Impedance Analyzer.
Irms 40°C rise	10.5 (typ.)	A	☒ ZENTECH 1320 BIAS CURRENT.
			☒ BK PRECISION 2840 DC Resistance Meter
			☐ ZENTECH 502AC Resistance Merter
			☐ ADEX AX-1155B DC Low Ohm Meter
			☐ WAYNE KERR HI-POT TESTER 7600

REMARK :

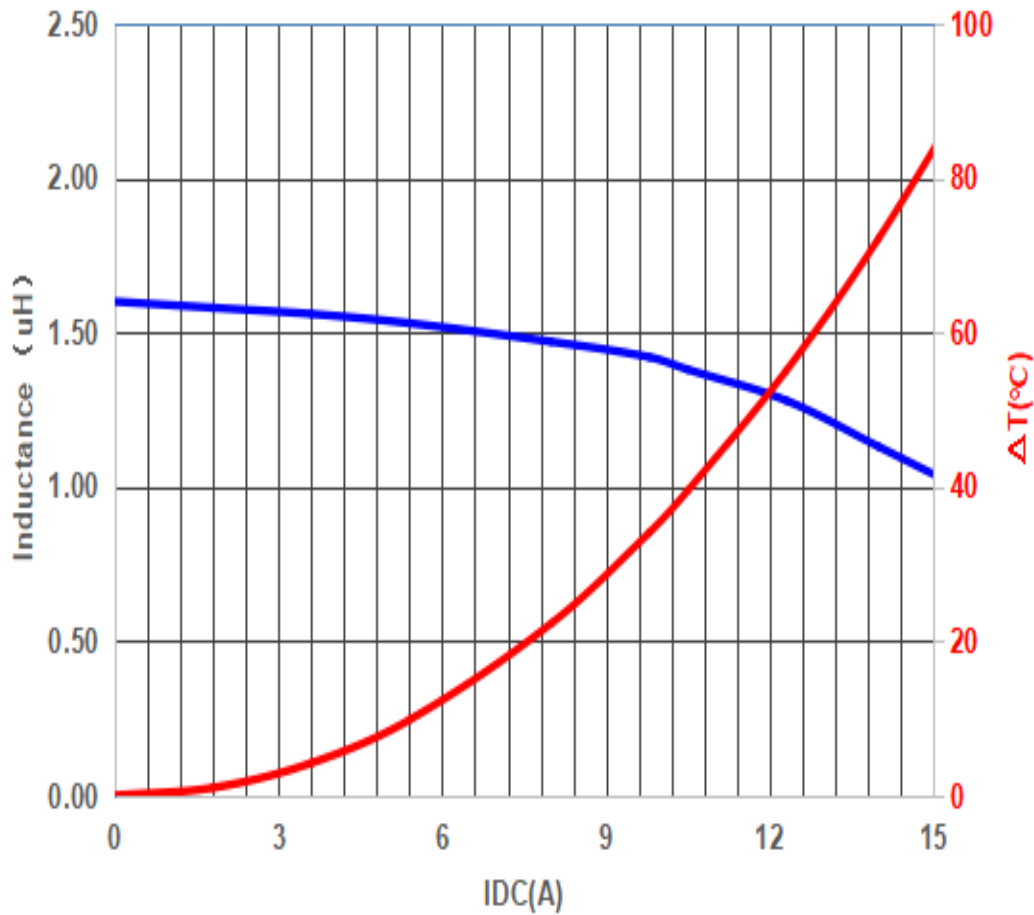
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage(across inductor) 40V Ref.
4. Rated DC current: The lower value of Irms and Isat.

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0220701013

Typical Performance Curves



Test Instrument :

Chroma 3302 Automatic Components Analyzer
ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28 $^{\circ}C$
Humidity : 60 to 70 % RH

Check by :

姜秀琴

Test by :

陳秀月



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