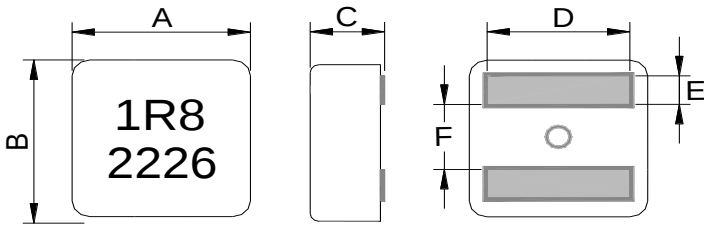


SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220630006
ITEM	JRPI 0402FV-1R8M Green	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	1.8 ± 20%	μ H	☒ AGILENT 4294A Precision Impedance Analyzer ☐ Agilent 4287A RF LCR Meter ☐ AGILENT 4285A Precision L.C.R. ☐ HP-4286A RF L.C.R. Meter.
TEST FREQUENCY	100	KHz	☒ CHROMA 3302 Automatic Components Analyzer. ☐ WAYNE KERR 6420 Precision Impedance Analyzer.
TEST VOLT	0.1	V	☒ ZENTECH 1320 BIAS CURRENT. ☒ BK PRECISION 2840 DC Resistance Meter
RDC	25.0 (typ.) 28.0 (max)	mΩ	☐ ZENTECH 502AC Resistance Merter ☐ ADEX AX-1155B DC Low Ohm Meter
Isat	7.5 (typ.) 7.0 (max)	A	☐ WAYNE KERR HI-POT TESTER 7600
Irms 20°C rise	5.2 (typ.)	A	
Irms 40°C rise	7.0 (typ.)	A	

REMARK :

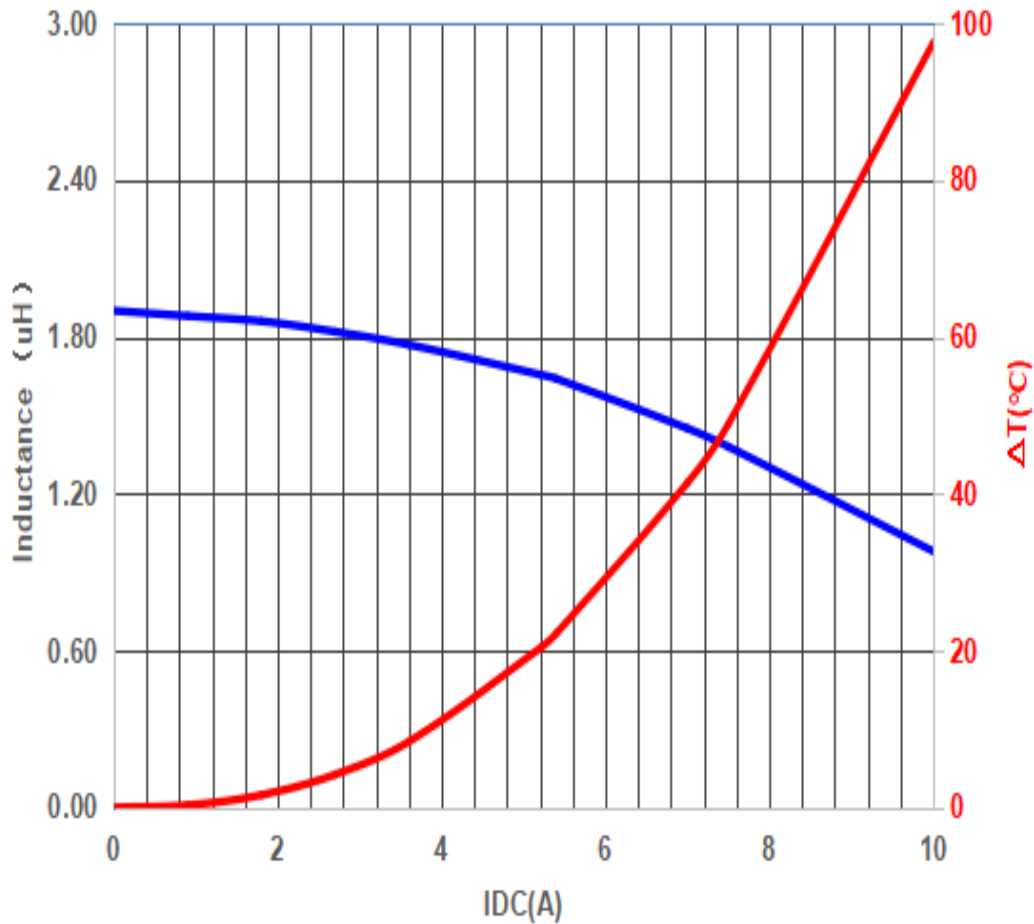
- All test data referenced to 25°C ambient
- Saturation Current (Isat) will cause L0 to drop approximately 30%.
- Rated operating voltage (across inductor) 15V ref (1.5uH and above)
Rated operating voltage (across inductor) 40V ref (1.2uH and below)

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN
			

TEST REPORT

SPEC NO : SP-0220630006

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 :



Test by :



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Web-Site : www.jantek-elec.com.tw