

# SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220630009
ITEM	JRPI 0402FV-R33M <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	0.33 ± 20%	$\mu$ 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	5.0 (typ.) 5.5 (max)	m $\Omega$	<input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> BK PRECISION 2840 DC Resistance Meter
Isat	18.0 (typ.) 16.5 (max)	A	<input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter
Irms 20°C rise	12.0 (typ.)	A	<input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
Irms 40°C rise	15.5 (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 )

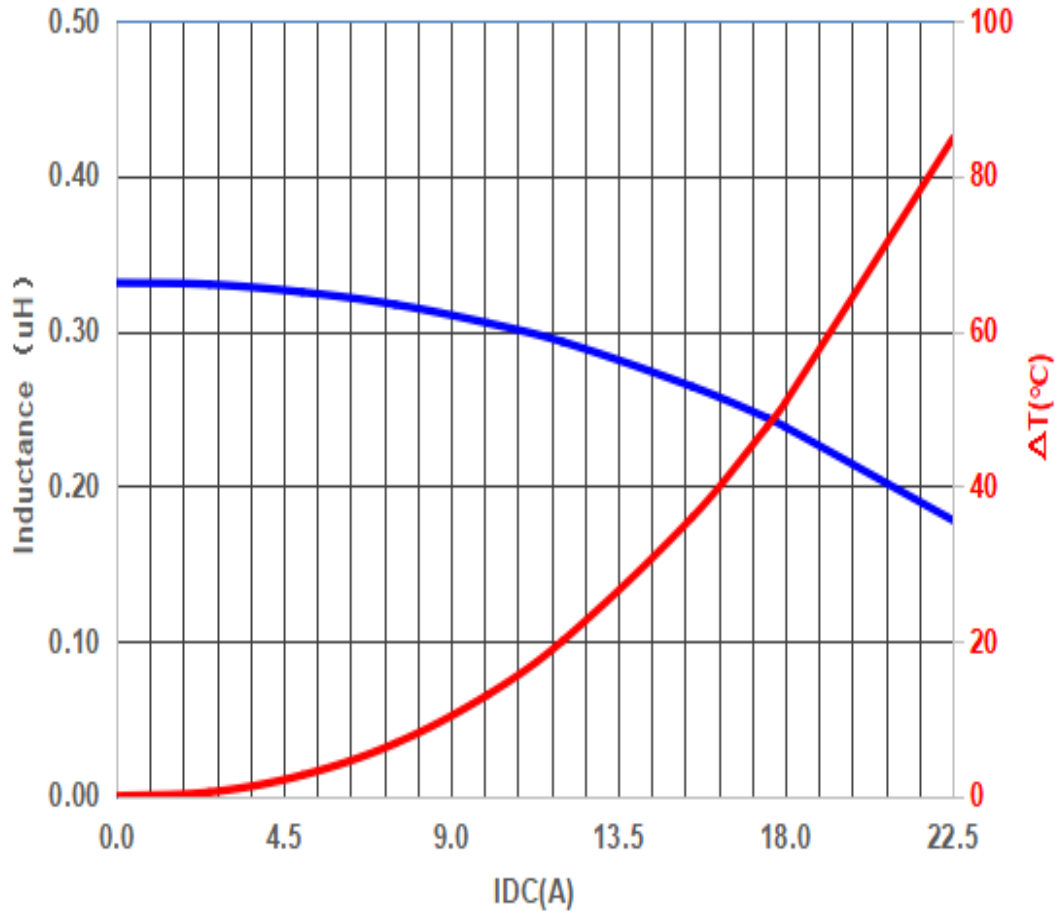
PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN



# TEST REPORT

SPEC NO : SP-0220630009

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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