

SPECIFICATION FOR APPROVAL

COMMODITY	SMD POWER COIL	SPEC NO.	SP-0220630013
ITEM	JRPI 0402FV-R56M 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	0.56 ± 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. <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	8.4 (typ.) 9.3 (max)	mΩ	<input type="checkbox"/> ZENTECH 502AC Resistance Merter <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter
Isat	14.0 (typ.) 12.6 (max)	A	<input type="checkbox"/> WAYNE KERR HI-POT TESTER 7600
Irms 20°C rise	8.5 (typ.)	A	
Irms 40°C rise	12.0 (typ.)	A	

REMARK :

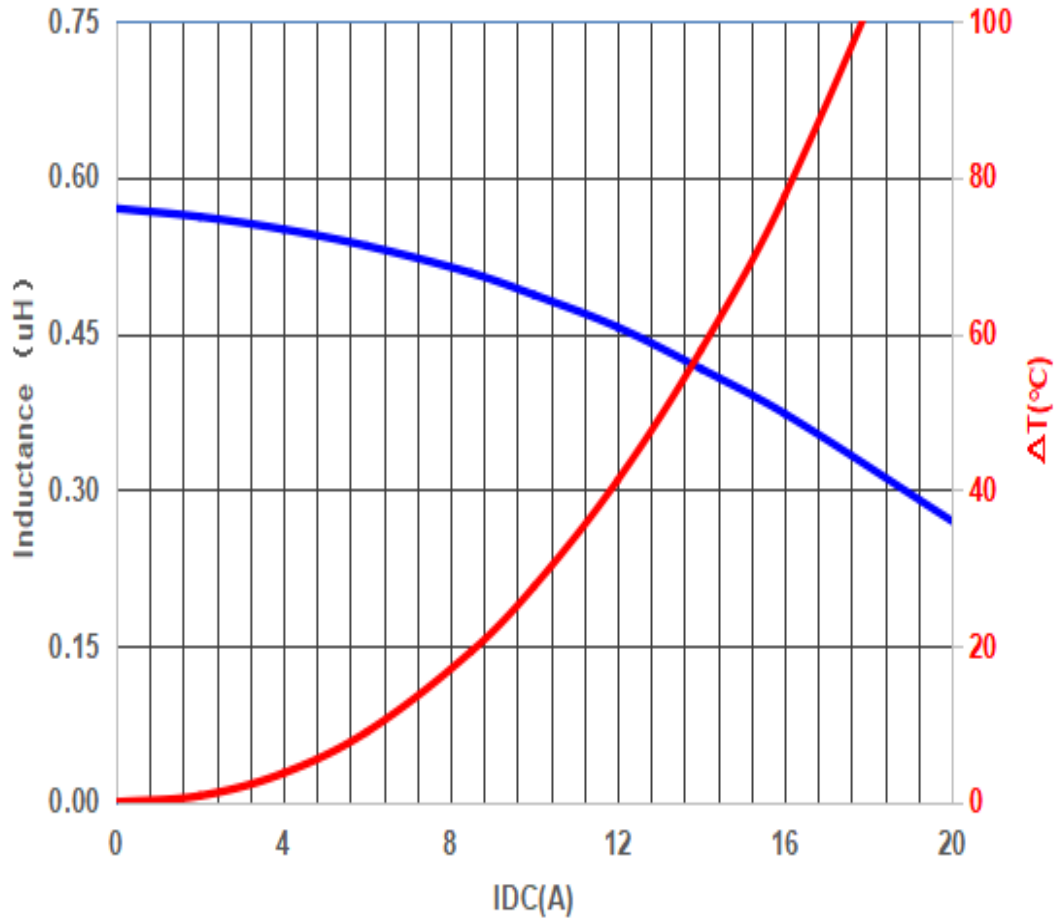
1. All test data referenced to 25°C ambient
2. Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Rated operating voltage (across inductor) 15V ref (1.5uH and above)
 Rated operating voltage (across inductor) 40V ref (1.2uH and below)

PURCHASER CONFIRMED :	APPROVED	CHECKED	DRAWN

TEST REPORT

SPEC NO : SP-0220630013

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